

# **APPENDIX A**

## **AEROSPACE VEHICLE MDS FOR AIRCRAFT**

### **A. SYMBOLS**

The following list outlines the symbols used in aircraft MDS. Figure A-1 shows a sample MDS. A description of each symbol can be found in the Joint Regulation (reference (b)).

<b><u>status</u></b> <b><u>Prefix</u></b>	<b><u>Modified</u></b> <b><u>Mission</u></b>	<b><u>Basic</u></b> <b><u>Mission</u></b>	<b><u>Vehicle</u></b> <b><u>Type</u></b>
G Permanently Grounded	A Attack	A Attack	G Glider
J Special Test (Temporary)	C Transport	B Bomber	H Helicopter
N Special Test (Permanent)	D Director	C Transport	S Spaceplane
X Experimental	E Special Electronic Installation	E Special Electronic Installation	V VTOL/STOL
Y Prototype	F Fighter	F Fighter	Z Lighter-Than- Air Vehicle
Z Planning	H Search and Rescue	O Observation	
	K Tanker	P Patrol	
	L Cold Weather	R Reconnaissance	
	M <b>Multimission</b>	S Antisubmarine	
	O Observation	T Trainer	
	P Patrol	U Utility	
	Q Drone	X Research	
	R Reconnaissance		
	S Antisubmarine		
	T Trainer		
	U Utility		
	V <b>staff</b>		
	W Weather		

### **B. APPROVED AIRCRAFT DESIGNATORS**

The list of approved MDS designators for all aircraft of **direct** interest to the Department of Defense starts at page A-3. Aircraft are listed alphabetically by mission symbol, sequentially by design number, and alphabetically by series.

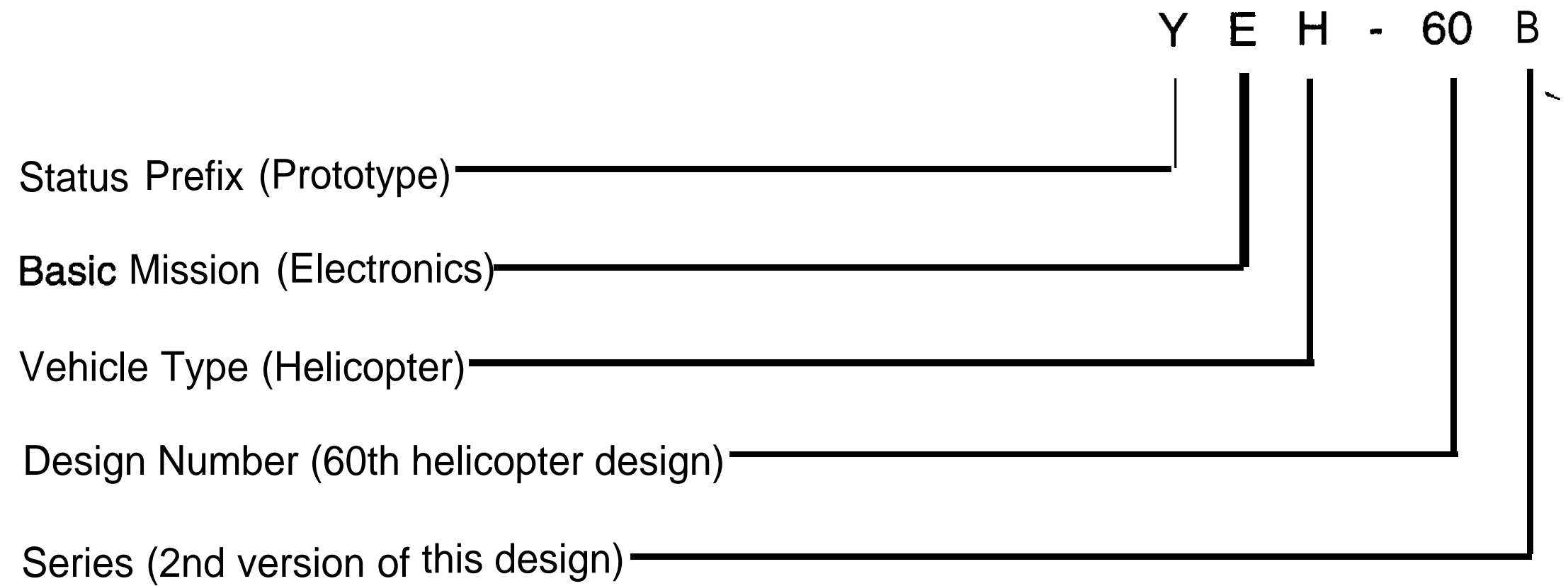


Figure A-1, Sample Aircraft MDS



ATTACK SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
EA-1 E	MCDONNELL DOUGLAS	SKYRAIDER	1 R-3350 -26WD WRIGHT	NAVY	LAND OR CARRIER-BASED MULTI-PURPOSE AIRCRAFT USED FOR ATTACK BOMBER, UTILITY, EARLY WARNING AND ASW SEARCH OPERATIONS (3 CREW).
A-3A	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-6B	NAVY	SWEPT HIGH WING, CARRIER-BASED, HIGH PERFORMANCE ATTACK AIRCRAFT WITH TRICYCLE LANDING GEAR (3 CREW).
NA-3A	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-6B	NAVY	A-3A CONFIGURED FOR PERMANENT TEST .
A-3B	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-10	NAVY	UPGRADED A-3A ADAPTABLE TO MINING MISSIONS.
EA-3B	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-10	NAVY	A-3B EQUIPPED FOR ELECTRONIC COUNTERMEASURES (7 CREW) .
KA-3B	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-10	NAVY	A-3B MODIFIED AS TANKER.
NA-3B	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-10	NAVY	A-3B MODIFIED FOR TESTING AIRCRAFT WIRING, AIRFRAME, AND SUPPORT EQUIPMENT.
RA-3B	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-10	NAVY	A-3B EQUIPPED FOR PHOTOGRAPHY (3 CREW).
TA-3B	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-10	NAVY	A-3B EQUIPPED FOR BOMBARDIER/NAVIGATOR TRAINING (8 CREW). ALSO STAFF TRANSPORT VERSION (3 CREW).
UA-3B	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-10	NAVY	NRA-3B MODIFIED TO PROVIDE LIMITED CARRIER DELIVERY AND NAVIGATOR/PILOT TRAINING.

ATTACK SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
EKA-3B	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-1 D	NAVY	A-3B CONFIGURED FOR TANKER/AIRCRAFT/COUNTERMEASURES OR STRIKE (TACOS) MISSION.
ERA-3B	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-10	NAVY	RA-3B MODIFIED TO FLEET ELECTRONIC WARFARE SUPPORT GROUP CONFIGURATION.
NRA-3B	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-10	NAVY	A-3B EQUIPPED AS TESTBED FOR HARPOON AND CRUISE MISSILE GUIDANCE SYSTEMS.
TA-4B	MCDONNELL DOUGLAS	SKYHAWK	1 J65-W-16A/-20	NAVY	SMALL, SINGLE-SEAT, DELTA WING, CARRIER-BASED, ATTACK AIRCRAFT WITH TRICYCLE LANDING GEAR AND INFLIGHT REFUELING CAPABILITY.
A-4C	MCDONNELL DOUGLAS	SKY HAWK	1 J65-W-16A/-20	NAVY	TA-4B AIRCRAFT WITH LONGER NOSE, UPGRADED ENGINE, AND LIMITED WEATHER CAPABILITY (1 CREW).
A-4 E	MCDONNELL DOUGLAS	SKY HAWK	1 J52-P-6A/-8A/-8B	NAVY	IMPROVED A-4 WITH DIFFERENT ENGINE AND 2 ADDITIONAL WING BOMB RACK STATIONS (1 CREW).
NA-4E	MCDONNELL DOUGLAS	SKY HAWK	1 J52-P-6A/-8A/-8B	NAVY	A-4E CONFIGURED FOR PERMANENT TEST.
A-4F	MCDONNELL DOUGLAS	SKY HAWK	1 J52-P-8A/-8B	NAVY	IMPROVED A-4 WITH NEW ENGINE, EJECTION SEAT, LIFT SPOILERS, NOSE WHEEL STEERING, AND IMPROVED AVIONICS (1 CREW) .
EA-4 F	MCDONNELL DOUGLAS	SKYHAWK	1 J52-P-6A/-6B/-8A	NAVY	TA-4F MODIFIED FOR ECM MISSIONS,



ATTACK SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
NA-4F	MCDONNELL DOUGLAS	SKY HAWK	1 J52-P-8A/-8B	NAVY	A-4F CONFIGURED FOR PERMANENT TEST.
TA-4F	MCDONNELL DOUGLAS	SKY HAWK	1 J52-P-6A/-6B/-8A	NAVY	A-4F MODIFIED WITH DUAL CONTROLS AND LONGER FORWARD FUSELAGE (2 CREW).
NTA-4F	MCDONNELL DOUGLAS	SKY HAWK	1 J52-P-6A	NAVY	TA-4F CONFIGURED FOR PERMANENT TEST.
TA-4J	MCDONNELL DOUGLAS	SKY HAWK	1 J52-P-6A	NAVY	TA-4F EQUIPPED FOR SHRIKE, BULLPUP, BUDDY STORE REFUELING, AN/APG-53 RADAR DOPPLER, AND AN/ASN-41 NAVIGATION COMPUTER. PRIMARILY CONFIGURED FOR ADVANCED TRAINING COMMAND.
NTA-4J	MCDONNELL DOUGLAS	SKY HAWK	1 J52-P-6A	NAVY	TA-4J AIRCRAFT PERMANENTLY CONFIGURE AS TEST BED.
A-4L	MCDONNELL DOUGLAS	SKY HAWK	1 J65-W-20	NAVY	A-4C WITH NEW ENGINE, WINGLIFT SPOILERS, WALLEYE AND SHRIKE CAPABILITY, AND IMPROVED AVIONICS.
A-4M	MCDONNELL DOUGLAS	SKY HAWK	1 J52-P-408	NAVY	A-4F WITH NEW ENGINE, ENLARGED CANOPY, INCREASED AMMUNITION CAPACITY, AND DRAG CHUTE.
NA-4M	MCDONNELL DOUGLAS	SKY HAWK	1 J52-P-408	NAVY	A-4M CONFIGURED FOR PERMANENT TEST.
OA-4M	MCDONNELL DOUGLAS	SKYHAWK	1 J52-P-6A/-6B/-8A	NAVY	A-4M MODIFIED FOR USE BY MARINE CORPS IN HIGH-SPEED RECONNAISSANCE AND TACTICAL AIR CONTROL.

ATTACK SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
RA-5C	NORTH AMERICAN ROCKWELL	VIGILANTE	2 J79-GE-8B/-8C/-10	NAVY	AIRBORNE PLATFORM FOR INTEGRATED OPERATIONAL INTELLIGENCE SYSTEM (IOIS). PROVIDES ALL-WEATHER TACTICAL INTELLIGENCE USING PHOTO, RADAR, INFRARED, AND ELECTRONICS TECHNIQUES.
A-6A	GRUMMAN	INTRUDER	2 J52-P-6A/-6B/-8A/-8B	NAVY	ALL-WEATHER, LOW-ALTITUDE, CARRIER-BASED ATTACK AIRCRAFT FOR LAND AND SEA INTERDICTION AND CLOSE AIR SUPPORT (2 CREW).
EA-6A	GRUMMAN	INTRUDER	2 J52-P-8A/-8B	NAVY	A-6A CONFIGURED FOR TACTICAL ECM MISSION (2 CREW).
JA-6A	GRUMMAN	INTRUDER	2 J52-P-6A/-6B/-8A/-8B	NAVY	A-6A MODIFIED AS TESTBED FOR CIRCULATION CONTROL WING (CCW) R&D EFFORT.
NA-6A	GRUMMAN	INTRUDER	2 J52-P-6A/-6B/-8A/-8B	NAVY	A-6A CONFIGURED FOR PERMANENT TEST.
A-6B	GRUMMAN	INTRUDER	2 J52-P-6A/-8A	NAVY	IMPROVED A-6A CONFIGURED FOR STANDARD ANTI-RADAR MISSILE SYSTEM (ARM).
EA-6B	GRUMMAN	PROWLER	2 J52-P-8A/-8B/-408	NAVY	IMPROVED EA-6A WITH LONGER FUSELAGE, MORE VERSATILE ELECTRONIC SURVEILLANCE SYSTEM AND MORE POWERFUL JAMMERS (4 CREW).
A-6C	GRUMMAN	INTRUDER	2 J52-P-8A	NAVY	TRIM VERSION OF A-6A WITH BEACON RECEIVER SYSTEM, MULTI-SENSOR DISPLAYS AND REMOVABLE CENTERLINE POD CONTAINING DIANE INTEGRATED ELECTRO-OPTICAL SENSORS.
KA-6D	GRUMMAN	INTRUDER	2 J52-P-6A/-8A	NAVY	A-6A MODIFIED FOR AERIAL REFUELING (2 CREW).





ATTACK SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
A-6 E	GRUMMAN	INTRUDER	2 J52-P-8A/-8B	NAVY	IMPROVED A-6A.
NA-6E	GRUMMAN	INTRUDER	2 J52-P-8B	NAVY	A-6E RECONFIGURED FOR TEST AND EVALUATION OPERATIONS.
A-6F	GRUMMAN	INTRUDER	2 F404-GE-400D	NAVY	A-6E MODIFIED WITH ADVANCED RAOAR AND ARMAMENT SYSTEM ALONG WITH HIGHER THRUST ENGINES AND INCREASED LANDING WEIGHT.
A-7A	LTV AEROSPACE	CORSAIR II	1 TF30-P-6	NAVY	LIGHT, SINGLE-PLACE, CARRIER-BASED, ATTACK AIRCRAFT. USED PRIMARILY FOR TACTICAL STRIKE, CLOSE AIR SUPPORT, AND INTERDICTION MISSIONS.
NA-7A	LTV AEROSPACE	CORSAIR II	1 TF30-P-6	NAVY	A-7A CONFIGURED FOR PERMANENT TEST.
A-7B	LTV AEROSPACE	CORSAIR III	1 TF30-P-8/-408	NAVY	IMPROVED A-7A WITH NEW ENGINE AND VARIABLE POSITION FLAPS.
A-7C	LTV AEROSPACE	CORSAIR II	1 TF30-P-8/-408	NAVY	IMPROVED A-7B WITH NAV WEAPONS DELIVERY SYSTEM. CARRIES 1 20MM M61A1 GUN.
NA-7C	LTV AEROSPACE	CORSAIR II	1 TF30-P-8/-408	NAVY	A-7C CONFIGURED FOR PERMANENT TEST.
TA-7C	LTV AEROSPACE	CORSAIR III	1 TF30-P-8/-408	NAVY	A-7B AND A-7C AIRCRAFT MODIFIED AS CARRIER REPLACEMENT AIR WING (CRAW) TRAINERS (2 CREW).
A-7D	LTV AEROSPACE	CORSAIR III	1 TF41-A-1	AF	AIR FORCE VERSION OF A-7A.
YA-7D	LTV AEROSPACE	CORSAIR III	1 TF41-A-1	AF	PROTOTYPE A-7D.
A-7E	LTV AEROSPACE	CORSAIR II	1 TF41-A-2	NAVY	IMPROVED A-7B WITH NEW NAV WEAPONS DELIVERY SYSTEM AND 1 20MM M61A1 GUN.

ATTACK SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
NA-7E	LTV AEROSPACE	CORSAIR I I	1 TF41-A-2	NAVY	A-7E CONFIGURE FOR PERMANENT TEST.
YA-7F	LTV AEROSPACE	NONE	1 F100-FW-200E	AF	PROTOTYPE FOR THE A-7 UPGRADE PROGRAM.
A-7G	LTV AEROSPACE	CORSAIR II	1 TF41-A-2	NAVY /SWIS	A-7 WITH AIRFRAME AND EQUIPMENT CHANGES FOR SWISS GOVERNMENT.
A-7K	LTV AEROSPACE	CORSAIR I I	1 TF41-A-2	AF	TWO SEAT VERSION OF A-7D.
EA-7L	LTV AEROSPACE	CORSAIR I I	1 TF-30-P-408 TF-41-A-2	NAVY	TA-7C MODIFIED TO FLEET ELECTRONIC WARFARE SUPPORT GROUP (FEWSG) CONFIGURATION.
A-7P	LTV AEROSPACE	CORSAIR I I	1 TF30-P-408	NAVY/ PORT	IMPROVED A-7C MODIFIED FOR PORTUGUESE GOVERNMENT.
TA-7P	LTV AEROSPACE	CORSAIR I I	1 TF30-P-408	NAVY/ PORT	TWO SEAT TRAINING VERSION OF A-7P FOR PORTUGUESE GOVERNMENT.
A-10A	FAIRCHILD HILLER	THUNDERBOLT II	2 TF34-GE-100	AF	CLOSE AIR SUPPORT AIRCRAFT WITH SHORT FIELD LANDING AND TAKEOFF CAPABILITY. SURVIVABILITY INCREASED BY ARMOR PROTECTION AND REDUNDANT SYSTEMS (1 CREW).
OA-10A	FAIRCHILD HILLER	NONE	2 TF34-GE-100	AF	AIRCRAFT REOLED TO FULFILL THE FORWARD AIR CONTROL (FAC) MISSION.
YA-10A	FAIRCHILD HILLER	THUNDERBOLT II	2 TF34-GE-100	AF	A-10A PROTOTYPE.
A-10B	FAIRCHILD HILLER	THUNDERBOLT II	2 TF34-GE-100	AF	TWO SEAT VERSION OF A-10A.





ATTACK SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
YA-10B	FAIRCHILD HILLER	THUNDERBOLT II	2 TF34-GE-100	AF	A-10B PROTOTYPE.
A-12A	MCDONNELL DOUGLAS/GO	AVENGER	2 F404-GE-F502	NAVY	ALL WEATHER, TWO-CREW ATTACK AIRCRAFT. CARRIER BASED USED FOR LAND AND SEA INTERDICTION AND CLOSE AIR SUPPORT.
A-18A	MCDONNELL DOUGLAS/NORTHROP	HORNET	2 F404-GE-100	NAVY	ATTACK VERSION OF THE F-18A. SINGLE-PLACE, SUPERSONIC, CARRIER-BASED JET.
FA-18A	MCDONNELL DOUGLAS/NORTHROP	HORNET	2 F404-GE-400	NAVY	PREVIOUSLY DESIGNATED F-18A AND A-18A, DUAL FIGHTER/ATTACK MISSION CAPABILITY,
NFA-18A	MCDONNELL DOUGLAS/NORTHROP	HORNET	2 F404-GE-400	NAVY	FA-18A CONFIGURED FOR PERMANENT TEST.
RFA-18A	MCDONNELL DOUGLAS/NORTHROP	HORNET	2 F404-GE-400	NAVY	PREVIOUSLY DESIGNATED F-18A AND A-18A. USED FOR TACTICAL RECONNAISSANCE.
TFA-18A	MCDONNELL DOUGLAS/ NORTHROP	HORNET	2 F404-GE-400	NAVY	PREVIOUSLY DESIGNATED F-18A AND A-18A. TWO SEAT AIRCRAFT USED FOR TRAINING.
FA-18B	MCDONNELL DOUGLAS	HORNET	2 F404-GE-400	NAVY	TWO SEAT FA-18A, FULLY COMBAT-CAPABLE.
NFA-18B	MCDONNELL DOUGLAS	HORNET	2 F404-GE-400	NAVY	FA-18B CONFIGURED FOR PERMANENT TEST.
FA-18C	MCDONNELL DOUGLAS	HORNET	2 F404-GE-400	NAVY	SINGLE SEAT PLANE WITH AIRBORNE SELF-PROTECTION JAMMER AND OTHER MODIFICATIONS.

ATTACK SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
NFA-18C	MCDONNELL DOUGLAS	HORNET	2 F404-GE-400	NAVY	FA-18C CONFIGURE FOR PERMANENT TEST.
FA-18D	MCDONNELL DOUGLAS	HORNET	2 F404-GE-400	NAVY	TWO SEAT FA-18c.
NFA-18D	MCDONNELL DOUGLAS	HORNET	2 F404-GE-400	NAVY	FA-18D CONFIGURED FOR PERMANENT TEST.
A-37B	CESSNA	DRAGONFLY	2 J85-GE-17A	AF	T-37B WITH DIFFERENT ENGINES, WINGS STRENGTHENED FOR EXTERNAL STORES, SELF-SEALING FUEL TANKS AND AIR REFUELING CAPABILITY (1 CREW).
NA-37B	CESSNA	DRAGONFLY	2 J85-GE-17A	AF	A-37B MODIFIED WITH UNIQUE TEST EQUIPMENT TO SUPPORT THE AIR FORCE TEST PILOT SCHOOL.
OA-37B	CESSNA	DRAGONFLY	2 J85-GE-17A	AF	A-37B OBSERVATION AIRCRAFT.



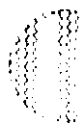


BOMBER SERIES					
MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
B-1A	NORTH AMERICAN ROCKWELL	NONE	4 F-101-GE-100	AF	LONG-RANGE, <b>LAND-BASED</b> , HEAVY, STRATEGIC BOMBER WITH VARIABLE-SWEEP WINGS. SUPERSONIC AT HIGH ALTITUDE. CARRIES CONVENTIONAL, NUCLEAR CRUISE, OR SHORT-RANGE ATTACK MISSILES OR GRAVITY BOMBS (4 CREW).
B-1B	NORTH AMERICAN ROCKWELL	LANCER	4 F-101-GE-102	AF	IMPROVED B-1A WITH <b>INCREASED</b> WEIGHT AND BETTER AUTOMATIC TERRAIN- <b>FOLLOWING</b> CAPABILITY.
B-2A	NORTHROP	SPIRIT	4 <b>GE-F18</b>	AF	ADVANCED TECHNOLOGY BOMBER THAT INCORPORATES STEALTH TECHNOLOGY , HAS LONG RANGE, AND LARGE PAY LOAD.
<b>EB-47E</b>	BOEING	STRATOJET	6 <b>J47-GE-25/-25A</b>	NAVY	MULTI-ENGINE JET AIRCRAFT WITH SWEEP TAIL SURFACES AND SPECIAL ELECTRONIC EQUIPMENT (3 CREW).
<b>NB-47E</b>	BOEING	<b>STRATOJET</b>	6 <b>J47-GE-25/25A</b>	NAVY	<b>EB-47E</b> CONFIGURED FOR PERMANENT TEST.
<b>NB-52A</b>	BOEING	<b>STRATOFORTRESS</b>	8 <b>J57-P-19W/-29WA</b> <b>J57-F-19W/-29WA</b>	AF	PROTOTYPE B-52 PERMANENTLY MODIFIED FOR TEST PURPOSES.
<b>NB-52B</b>	BOEING	<b>STRATOFORTRESS</b>	8 <b>J57-P-19W/-29WA</b> <b>J57-F-19W/-29WA</b>	AF	HIGH SPEED, HIGH ALTITUDE, <b>LAND-BASED</b> , HEAVY STRATEGIC BOMBER. HAS HIGH SWEEP WING, EIGHT MAIN WHEELS, AND <b>SMALL</b> OUTRIGGER WHEELS AT WING TIP (6 CREW).
<b>B-52C</b>	BOEING	STRATOFORTRESS	8 <b>J57-P-19W/-29WA</b> <b>J57-F-19W/-29WA</b>	AF	UPGRADED <b>B-52B</b> . INCREASED FUEL CAPACITY (6 CREW).
<b>B-52D</b>	BOEING	<b>STRATOFORTRESS</b>	8 <b>J57-P-19W/-29WA</b> <b>J57-F-19W/-29WA</b>	AF	<b>UPGRADED</b> B-52C (6 CREW).

BOMBER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
NB-52D	BOEING	STRATOFORTRESS	8 J57-P-19W/-29WA J57-F-19W/-29WA	AF	B-52D MODIFIED FOR TEST PURPOSES.
B-52E	BOEING	STRATOFORTRESS	8 J57-P-19W/-29WA J57-F-19W/-29WA	AF	UPGRADED B-52D WITH AN/ASB-4 BOMBING NAVIGATIONAL SYSTEM.
NB-52E	BOEING	STRATOFORTRESS	8 J57-P-19W/-29WA J57-F-19W/-29WA	AF	B-52E MODIFIED FOR TEST PURPOSES.
B-52F	BOEING	STRATOFORTRESS	8 J57-P-43WA/WB J57-F-43WA/WB	AF	UPGRADED B-52E WITH NEW ENGINES, WING STRUCTURE MODIFICATIONS, AND NEW PODS.
B-52G	BOEING	STRATOFORTRESS	8 J57-P-43WB J57-F-43WB	AF	UPGRADED B-52F. FIN SPAN REDUCED, ALERONS DELETED, NOSE RADOME ENLARGED.
B-52H	BOEING	STRATOFORTRESS	8 TF33-P-3 P&W	AF	UPGRADED B-52G WITH NEW ENGINES, ECM EQUIPMENT (6 CREW).
EB-57B	MARTIN	CANBERRA	2 J65-W-5/-5B J65-B-5/-5B	AF	WIDE BODY, SHORT WING TACTICAL BOMBER MODIFIED TO PROVIDE ELECTRONIC COUNTERMEASURE TARGETS FOR GROUND AND AIRBORNE RADAR SYSTEMS (2 CREW).
B-57C	MARTIN	CANBERRA	2 J65-W-5/-5B J65-B-5/-5B	AF	EB-57B WITH DUAL CONTROLS FOR TRAINING. RETAINS NORMAL MISSION CAPABILITIES.
B-57E	MARTIN	CANBERRA	2 J65-W-5/5B J65-B-5/-5B	AF	EB-57B DUAL-CONTROLLED AIRCRAFT. MODIFIED BOMB DOORS FOR INSTALLATION OF 4 TOW REELS AND ASSOCIATED EQUIPMENT.
EB-57E	MARTIN	CANBERRA	2 J65-W-5/-5B J65-B-5/-5B	AF	B-57E MODIFIED FOR ECM CAPABILITY. PROVIDES ELECTRONIC COUNTERMEASURE TARGETS TO GROUND AND AIRBORNE RADAR SYSTEMS.





BOMBER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
WB-57F	MARTIN	CANBERRA	2 TF33-P-11 A J60-P-9	AF	LONG-WING VERSION OF B-57B/C MODELS MODIFIED FOR HIGH ALTITUDE WEATHER RECONNAISSANCE.
FB-111 A	GENERAL DYNAMICS	NONE	2 TF30-P-7	AF	BOMBER VERSION OF F-111A.

CARGO/TRANSPORT SERIES

Mos	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
C-1A	GRUMMAN	TRADER	2 R-1820 -82/-82A WHITE	NAVY	ALL-WEATHER, INSTRUMENT FLIGHT TRAINER AND LIGHT TRANSPORT WITH TRICYCLE LANDING GEAR. SIMILAR TO S.-2A AIRCRAFT (2 CREW, 9 PASSENGERS).
C-2A	GRUMMAN	GREYHOUND	2 T56-A-8/-8A/-8B	NAVY	CARRI ER-BASED LIGHT TRANSPORT PROVIDING LOGISTIC SUPPORT FOR FLEET OPERATIONS (3 CREW).
C-4A	GRUMMAN	ACADEME	2 MK529-8X	CG	GULFSTREAM I MODIFIED FOR COAST GUARD OPERATIONS.
TC-4C	GRUMMAN	ACADEME	2 MK529-8X ROLLS ROYCE	NAVY	C-4A MODIFIED AS A BOMBARDIER/NAVIGATOR TRAINER,
C-5A	LOCKHEED	GALAXY	4 TF39-GE-1	AF	LONG-RANGE AIR REFUELABLE TRANSPORT. HIGH SWEEP WING, HIGH T-TAIL EMPENNAGE, FUSELAGE-MOUNTED LANDING GEAR, VISOR FRONT AND REAR CARGO OPENING FOR STRAIGHT THRU LOADING AND UNLOADING (6 CREW).
C-5B	LOCKHEED	GALAXY	4 TF39-GE-1	AF	C-5A WITH UPGRADED LANDING GEAR AND MORE DURABLE, CORROSION-RESISTANT ALLOY SKIN ON FUSELAGE AND WINGS.
C-5C	LOCKHEED	GALAXY	4 TF39-GE-1	AF	C-5A WITH UPGRADED LANDING GEAR AND MORE DURABLE CORROSION RESISTANT ALLOY SKIN ON FUSELAGE AND WINGS, CARGO BAY MODIFIED TO CARRY SOLID ROCKET BOOSTERS OF SPACE SHUTTLE SYSTEM.
c-6A	BEECH	NONE	2 PT6A-20 P&W ( CANADA)	AF	LW WING, EXECUTIVE TRANSPORT, BEECHCRAFT MODEL A-90 KING AIR (2 CREW, 5 PASSENGERS).
C-7A	DEHAVI LLAND	CARI BOU	2 R-2000 -7 M-2 P&W	AF/ARMY	ALL-WEATHER TRANSPORT DESIGNED FOR SHORT TAKEOFF AND LANDING IN FORWARD BATTLE AREAS ON IMPROVED STRIPS. (3 CREW, 6000 LBS CARGO, 31 PASSENGERS, 25 PARATROOPS, OR 20 LITTER PATIENTS).

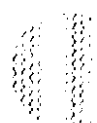


CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
YC-7A	DEHAVI L LAND	CARI BOU	2 R-2000 -7 M-2	ARMY	PROTOTYPE C-7.
RC-7B	DEHAVI L LAND	CARI BOU	2 PT6A-50	ARMY	C-7A MODIFIED WITH A RECONNAISSANCE MISSION SUITE AND AN EXTENDED RANGE CAPABILITY,
C-9A	MCDONNELL DOUGLAS	NIGHTINGALE	2 JT-8D-9 P&W (COMMERCIAL)	AF	LOW-WING, MEDIUM-SIZED, T-TAIL TRANSPORT FOR DOMESTIC AND INTRA-THEATER AEROMEDICAL EVACUATION. MILITARY VERSION OF DC-9 (7 CREW, 30 STRETCHER PATIENTS OR 40 AMBULATORY PATIENTS) .
c-90	MCDONNELL DOUGLAS	SKYTRAIN II	2 JT-8D-9	NAVY	NAVY VERSION OF OC-9 (2 CREW, 90 PASSENGERS OR EIGHT STANDARD MILITARY CARGO PALLETS (TYPE 463 L).
C-9C	MCDONNELL DOUGLAS	NIGHTINGALE	2 JT-8D-9A	AF	C-9A WITH DIFFERENT CARGO DOOR AND STAFF TRANSPORT INTERIOR (3 CREW, 42 PASSENGERS AND 4 FLIGHT ATTENDANTS).
KC- 10A	MCDONNELL DOUGLAS	EXTENDER	3 CF6-50C2	AF	MILITARY VERSION OF DC-10. PROVIDES LONG-RANGE AIR/REFUELING AND CARGO AIRLIFT FOR NON-STOP DEPLOYMENT OF COMBAT FORCES.
C-11A	GRUMMAN	GULFSTREAM II	2 MK511 -8	CG	SWEPT WING TURBOFAN FOR LONG-RANGE STAFF TRANSPORT . GRUMMAN MODEL G-1159 GULFSTREAM II (4 CREW, 12 PASSENGERS) .
C-12A	BEECH	HURON	2 PT6A-3B	AF/ARMY	MILITARY VERSION OF BEECH SUPER KING AIR. TWIN TURBO PROP, PRESSURIZED CABIN AIRCRAFT. EQUIPPED FOR IFR OPERATIONS IN HIGH-DENSITY TRAFFIC. USED FOR ATTACHE AND SECURITY ASSISTANCE SUPPORT.

## CARGO/TRANSPORT SERIES (CONTINUED)

MOS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
<b>UC-12B</b>	BEECH	HURON	2 PT6A-41	NAVY	NAVY VERSION OF C-12A WITH CARGO DOOR.
<b>C-12C</b>	BEECH	HURON	2 <b>PT6A-41</b>	<b>ARMY/AF</b>	C-12A WITH <b>UPGRADED</b> ENGINES TO INCREASE <del>RANGE</del> AND PERFORMANCE.
C-120	BEECH	HURON "	2 <b>PT6A-41</b>	<b>AF/ARMY</b>	<b>C-12C</b> WITH LARGER CARGO DOOR, HIGH FLOTATION LANDING GEAR, AND STRONGER WING.
<b>RC-12D</b>	BEECH	HURON	2 <b>PT6A-41</b>	ARMY	<b>C-12D MODIFIED</b> TO PERFORM SIGNAL INTELLIGENCE AND ELECTRONIC SURVEILLANCE MISSIONS (GUARD RAIL).
<b>C-12E</b>	BEECH	HURON	2 PT6A-42	AF	<b>UPGRADED</b> C-12A (2 CREW, 9 PASSENGERS).
<b>C-12F</b>	BEECH	HURON	2 PT6A-42	AF	OPERATIONAL SUPPORT TRANSPORT VERSION OF COMMERCIAL SUPER KING AIR <b>B200C</b> (2 CREW, 8 PASSENGERS).
<b>RC-12F</b>	BEECH	HURON	2 PT6A-42	NAVY	<b>UC-12F</b> SPECIALLY <b>EQUIPPED</b> WITH SURFACE SEARCH RADAR AND OPERATOR CONSOLE.
<b>UC-12F</b>	BEECH	HURON	2 PT6A-42	NAVY	UPGRADED <b>UC-12B</b> , UPGRAOED AVIONICS, LANDING GEAR, AND ENGINE.
<b>RC-12G</b>	BEECH	HURON	2 <b>PT6A-41</b>	ARMY	MODIFIED BEECH A200CT TO PROVIDE NEAR REAL TIME INTELLIGENCE SUPPORT TO TACTICAL COMMANDERS IN THE FIELD (2 CREW).
<b>RC-12H</b>	BEECH	HURON	2 PT6A-41	ARMY	<b>MODIFIED RC-12D</b> WITH <b>IMPROVED</b> SIGNAL INTELLIGENCE AND ELECTRONIC SURVEILLANCE MISSIONS ( <b>GUARDRAIL V</b> ).







CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
<b>C-12J</b>	BEECH	HURON	2 PT6A-65B	AF	STRETCHED VERSION OF <b>C-12F</b> WITH INCREASED CARGO CAPACITY FOR USE BY ANG (2 CREW, 19 PASSENGERS).
RC-12K	BEECH	NONE	2 PT6A-67	ARMY	MODIFIED C-12 USED TO PROVIDE BOTH COMMUNICATION AND ELECTRONICS INTELLIGENCE RECONNAISSANCE.
<b>C-12L</b>	BEECH	HURON	2 PT6A-41	ARMY	MODIFIED <b>U-21J</b> BEECH A100 <b>MODELS</b> . ORIGINALLY PURCHASED FOR THE <b>CEFLY</b> LANCER PROGRAM.
<b>RC-12M</b>	BEECH	HURON	2 <b>PT6A-42</b>	NAVY	<b>UC-12M MODIFIED</b> WITH NEW WINGS, SURFACE SEARCH RADAR, MISSION CONTROL CONSOLE USED FOR RECONNAISSANCE MISSIONS.
UC-12M	BEECH	HURON	2 <b>PT6A-42</b>	NAVY	<b>UC-12B</b> AND <b>UC-12F</b> MODIFIED WITH UNIQUE COCKPIT INSTRUMENTS, LIGHTING AND VOICE COMMUNICATIONS.
<b>RC-12N</b>	BEECH	HURON	2 PT6A-67	ARMY	<b>RC-12K MODIFIED</b> WITH IMPROVED PRIMARY MISSION EQUIPMENT, INCREASED PAYLOAD, AND <b>UPGRADED</b> ENGINES,
<b>RC-12P</b>	BEECH	HURON	2 PT6A-67	ARMY	<b>MODIFIED RC-12N</b> WITH DIFFERENT EXTERNAL CONFIGURATION, IMPROVED PRIMARY MISSION EQUIPMENT, DATA LINK CAPABILITY, FIBER OPTIC CABLING, AND INCREASED TAKEOFF WEIGHT.
<b>RC-12Q</b>	BEECH	HURON	2 PT6A-67	ARMY	<b>RC-12P MODIFIED</b> WITH PME IMPROVEMENTS INCLUDING A TOP MOUNTED <b>RADOME</b> .
C-12R	BEECH	HURON	2 <b>PT6A-42</b>	ARMY	<b>C-12F</b> MODIFIED TO INCORPORATE BENDIX KING ELECTRONIC FLIGHT INSTRUMENTATION SYSTEM ( <b>EFIS</b> ).
C-12S	BEECH	HURON	2 PT6A-60A	ARMY	BEECH MODEL 350 WITH SEATING FOR 8-15 PASSENGERS AND QUICK CARGO CONFIGURATION ADAPTABILITY,

CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
YC-14A	BOEING	NONE	2 CF-6-50A-GE	AF	PROTOTYPE STOL TRANSPORT WITH HIGH WING, T-TAIL, REAR CARGO <b>LOADING</b> DOOR, AND TRICYCLE <b>LANDING_GEAR</b> FOR UNIMPROVED FIELD OPERATIONS. ENGINES <b>MOUNTED</b> ABOVE AND FORWARD OF WINGS (2 CREW).
YC-15A	MCDONNELL DOUGLAS	NONE	4 JT-8D P&W	AF	PROTOTYPE STOL TRANSPORT SIMILAR TO YC-14A. ENGINES ARE MOUNTED ON PYLONS BENEATH THE HIGH WING. JET EXHAUST DIRECTED ON FLAPS TO USE EXTERNALLY <b>BLOWN</b> FLAPS FOR LIFT.
C-17A	MCDONNELL DOUGLAS	GLOBEMASTER III	4 JT100 (PW2037)	AF	INTER- AND <b>INTRATHEATER</b> OUTSIZE-CARGO, STOL TRANSPORT CAPABLE OF OPERATING FROM SMALL AUSTERE AIRFIELDS. <b>EQUIPPED</b> WITH CONVENTIONAL AIRDROP AND <b>LOW</b> ALTITUDE PARACHUTE EXTRACTION SYSTEM ( <b>LAPES</b> ).
YC-17A	MCDONNELL DOUGLAS	NONE	4 JT100 (PW2037)	AF	PROTOTYPE C-17A,
C-18A	BOEING	NONE	4 JT3D-7	AF	BOEING 707-300 SERIES.
C-18B	BOEING	NONE	4 JT3D-7	AF	C-18A <b>MODIFIED</b> WITH VARIOUS EQUIPMENT AND INSTRUMENTATION TO SUPPORT THE MI <b>LSTAR</b> PROGRAM.
EC-18B	BOEING	NONE	4 JT3D-7	AF	BOEING 707-300 SERIES MODIFIED FOR ADVANCED RANGE INSTRUMENTATION AIRCRAFT (ARIA) MISSION.
EC-18C	BOEING	NONE	4 JT3D-7	AF	BOEING 707-300 SERIES <b>MODIFIED</b> TO SUPPORT THE ( <b>JSTARS</b> ) PROGRAM.
EC-18D	BOEING	NONE	4 JT3D-7	AF	<b>MODIFIED</b> C-18A USED TO SUPPORT CRUISE MISSILE MISSION CONTROL AIRCRAFT ( <b>CMMCA</b> ).

CARGO/TRANSPORT SERVICES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
TC-18E	BOEING	NONE	4 TF33-PW-100A	AF	BOEING 707-300 SERIES AIRCRAFT MODIFIED FOR E-3 PILOT/CREW TRAINING.
TC-18F	BOEING		4 JT3D-3B	NAVY	BOEING 707-300 SERIES AIRCRAFT MODIFIED FOR E-6 PILOT TRAINING.
C-19A	BOEING		4 JT-9D-7FW	AF	BOEING 747 CONFIGURED AS PERSONNEL/CARGO TRANSPORT FOR AIR NATIONAL GUARD.
C-20A	GULFSTREAM AEROSPACE CORP	GULFSTREAM	2 MK-511-8 R-R SPEY	AF	GULFSTREAM III MODIFIED AS STAFF TRANSPORT (5 CREW, 14 PASSENGERS).
C-20B	GULFSTREAM AEROSPACE CORP	GULFSTREAM	2 MK-511-8 R-R SPEY	AF	OPERATES ON DC POWER. UPGRADED AVIONICS USED FOR PRESIDENT AND OTHER HIGH-RANKING OFFICIALS.
C-20C	GULFSTREAM AEROSPACE CORP	GULFSTREAM III	2 MK-511-8 R-R SPEY	AF	MODIFIED C-20B WITH ENHANCED, SECURE COMMUNICATIONS. USED TO SUPPORT SENIOR-LEVEL PERSONNEL AND TO PROVIDE BACKUP FOR AIR FORCE ONE.
C-20D	GULFSTREAM AEROSPACE CORP	GULFSTREAM II	2 MK-511-8 R-R SPEY	NAVY	C-20B WITH MODIFIED COMMUNICATIONS EQUIPMENT.
C-20E	GULFSTREAM AEROSPACE CORP	GULFS	2 MK511-8 ROLLS ROYCE	ARMY	C-20B MODIFIED WITH DIFFERENT INTERIOR FURNISHINGS, AVIONICS, AND EXTERIOR PAINT AND MARKINGS.
C-20F	GULFSTREAM AEROSPACE CORP	GULFSTREAM IV	2 MK-661-8 ROLLS ROYCE	ARMY	BASIC PRODUCTION GULFSTREAM IV AIRCRAFT MODIFIED WITH EXECUTIVE INTERIOR AND ADDITIONAL AVIONICS FOR USE AS A STAFF TRANSPORT (14 PASSENGERS, 5 CREW).

CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
c-ZOG	GULFSTREAM AEROSPACE CORP	GULFSTREAM IV	2 MK-661-8 ROLLS ROYCE	NAVY	C-20F MODIFIED WITH A CARGO DOOR, CARGO FLOOR, AND SEATING ACCOMMODATING 26 PASSENGERS, 4 CREW.
C-20H	GULFSTREAM AEROSPACE CORP	GULFSTREAM IV	2 TAY MK-611-8 TURBOFAN ROLLS ROYCE	AF	C-20F MODIFIED WITH EXTENDED FUSELAGE AND ENHANCED COCKPIT SOFTWARE PACKAGE (12 PASSENGERS, 5 CREW).
C-20J	GULFSTREAM AEROSPACE CORP	GULFSTREAM	2 ROLLS ROYCE MK-511 -8	ARMY	MODIFIED GULFSTREAM AIRCRAFT (G-1159) TO INCLUDE COCKPIT, INTERIOR, GALLEY, EXTERIOR AND FLIGHT MANAGEMENT SYSTEM. USED FOR TRANSPORT OF US ARMY SENIOR STAFF EXECUTIVES (5 CREW, 12 PASSENGERS),
C-21A	GATES LEARJET	NONE	2 TFE-731	AF	OPERATIONAL SUPPORT TRANSPORT VERSION OF COMMERCIAL LEARJET 35A (2 CREW, 6 PASSENGERS),
C-22A	BOEING	NONE	3 JT8D-7A	AF	STAFF TRANSPORT VERSION OF COMMERCIAL BOEING 727.
C-22B	BOEING	NONE	3 JT8D-7	AF	BOEING 727-100 MODIFIED FOR AIR NATIONAL GUARD SUPPORT MISSIONS.
c-23A	SHORT BROS. LTD	NONE	2 PT6A-45R	AF	HIGH-WING, UNPRESSURIZED CARGO TRANSPORT WITH FULL WIDTH AFT LOADING RAMP. VERSION OF COMMERCIAL 330/SHERPA.
C-23B	SHORT BROTHERS LTD.	NONE	2 PT6A-65AR	ARMY	c-23A MODIFIED WITH LARGER WINGS, BIGGER ENGINES, 6-BLADE PROPS, AND INWARD OPENING DOORS TO PROVIDE AIRDROP CAPABILITIES.
EC-24A	DOUGLAS AIRCRAFT CORP	NONE	4 JT3D-3	NAVY	UPGRADED UNITED AIRLINES DC-8-54F (FREIGHTER) USED TO SIMULATE C3 THREAT.





CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
VC-25A	BOEING	NONE	4 GE CF6-80-C2B1	AF	BOEING 747-200B MODIFIED TO MEET TRANSPORTATION REQUIREMENTS OF THE PRESIDENT OF THE UNITED STATES.
C-26A	FAIRCHILD AIRCRAFT CORP	NONE	2 GARRETT TPE331-11 U	ANG	FAIRCHILD SA-227 TWIN TURBOPROP, FIXED-WING, MEDIUM RANGE UTILITY AIRCRAFT USED TO REPLACE ANG C-131 AIRCRAFT.
C-26B	FAIRCHILD AIRCRAFT CORP	NONE	2 TPE331-12UA-701G	ANG	C-26A MODIFIED WITH UPGRADED ENGINES AND UPGRADED AVIONICS SUITE.
UC-26C	FAIRCHILD AIRCRAFT CORP	NONE	2 GARRETT TPE331-7	ANG	C-26A MODIFIED WITH INTEGRATE SENSOR PACKAGE CONSISTING OF FLIR AND HIGH RESOLUTION RADAR.
C-27A	AERITALIA	NONE	2 GE T64-GE-P4	AF	SHORT TAKEOFF AND LANDING INTRATHEATER AIRLIFT AIRCRAFT USED TO SUPPORT THEATER REQUIREMENTS.
C-28A	CESSNA	NONE	2 GTS10-520-M	NAVY	CESSNA 404 USED TO TRANSPORT PERSONNEL, EIGHT TO TEN PASSENGERS, AND SOME CARGO.
C-29A	BRITISH AEROSPACE	HAWKER	2 TFE 731-5R-1 H GARRETT	AF	ALL-WEATHER CARGO AIRCRAFT WITH A RANGE OF 2400 NAUTICAL MILES (5 CREW). USED TO ACCOMPLISH THE COMBAT FLIGHT INSPECTION AND NAVIGATION MISSION (C-FIN).
C-31A	FOKKER	NONE	2 ROLLS ROYCE DART 7 TURBO	ARMY	TWIN ENGINE CARGO AIRCRAFT USED IN SUPPORT OF THE US ARMY PARACHUTE TEAM.
C-32A	TBO	TBD	TBD	AF	STAFF AIRCRAFT USED TO MEET TRANSPORTATION REQUIREMENTS OF THE VICE PRESIDENT, DIGNITARIES, AND VIP'S.
C-33A	TBD	NONE	TBD	AF	FAA CERTIFIED COMMERCIAL TRANSPORT AIRCRAFT THAT WILL BE MISSIONIZED TO MEET AIR FORCE REQUIREMENTS.

CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
C-47T	DOUGLAS ACFT/ BASLET FIT SER.	SKYTRAIN	2 PT6A-67R	FMS(AF)	C-47 SERIES AIRCRAFT MODIFIED BY LENGTHENING FUSELAGE AND REPLACING RECIPROCATING ENGINES WITH TURBOPROP ENGINES.
C-117D	MCDONNELL DOUGLAS	SKYTRAIN	2 R-1820-80A WRIGHT	NAVY	LOW WING TRANSPORT (3 CREW, 35 TROOPS, OR 27 LITTERS).
NC-117D	MCDONNELL DOUGLAS	SKYTRAIN	2 R-1820-80A WRIGHT	NAVY	C-117D CONFIGURE FOR PERMANENT TEST.
TC-117D	MCDONNELL DOUGLAS	SKYTRAIN	2 R-1820-80A WRIGHT	NAVY	C-117D MODIFIED FOR NAVIGATION TRAINING (3 CREW, 8 STUDENTS).
C-118B	MCDONNELL DOUGLAS	LIFTMASTER	4 R-2800-52W P&W	NAVY	CARGO/ PASSENGER TRANSPORT SIMILAR TO COMMERCIAL DOUGLAS DC-6A (6 CREW, 79 TROOPS, OR 60 LITTERS).
EC-121K	LOCKHEED	WARNING STAR	4 R-3350-42 WRIGHT	NAVY	EC-121C (SUPER CONSTELLATION) MODIFIED AS SEARCH AIRPLANE WITH BOTTOM AND TOP RADAR ANTENNA (26 CREW).
NC-121K	LOCKHEED	WARNING STAR	4 R-3350-42 WRIGHT	NAVY	EC-121K CONFIGURE FOR PERMANENT TEST.
C-123K	FAIRCHILD HILLER	PROVIDER	2 R-2800-99W P&W/ J85-GE-17	AF	TACTICAL TRANSPORT WITH AUXILIARY JET ENGINES.
NC-123K	FAIRCHILD HILLER	PROVIDER	2 R-2800-99W P&W/ J85-GE-17	AF	C-123K CONFIGURE FOR PERMANENT TEST.
UC-123K	FAIRCHILD HILLER	PROVIDER	2 R-2800-99W P&W/ J85-GE-17	AF	C-123K MODIFIED FOR AERIAL SPRAY OPERATIONS.

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CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
C-130A	LOCKHEED	HERCULES	4 T56-A-9/-9A/-9B	AF	HIGH WING, MEDIUM RANGE TRANSPORT (4 CREW, 92 TROOPS, OR 70 LITERS).
AC-130A	LOCKHEED	SPECTRE	4 T56-A-1A/-9	AF	C-130A MODIFIED AS GUNSHIP.
DC-130A	LOCKHEED	HERCULES	4 T56-A-1A/-9/-9A	AF/NAVY	C-130A MODIFIED TO CONTROL DRONE AIRCRAFT OR MISSILES. FORMERLY DESIGNATED <b>GC-130A</b> (4 CREW (AF), 8 CREW (NAVY)).
NC-130A	LOCKHEED	HERCULES	4 T56-A-9/-9A/-9B	AF	MODIFIED C-130A FOR (ASETS) TESTING.
RC-130A	LOCKHEED	HERCULES	4 T56-A-9/-9A/-9B	AF	C-130A MODIFIED FOR GEODETIC SURVEY AND PHOTO MAPPING (7 CREW) .
C-130B	LOCKHEED	HERCULES	4 T56-A-7/-7A	AF	IMPROVED C-130A.
HC-130B	LOCKHEED	HERCULES	4 T56-A-7/-7A	CG	<b>C-130B</b> MODIFIED FOR SEARCH AND RESCUE MISSIONS. FORMERLY DESIGNATED <b>SC-130B</b> (4 CREW).
NC-130B	LOCKHEED	HERCULES	4 T56-A-7/-7A	AF	<b>C-130B</b> MODIFIED FOR UNMANNED AEROSPACE VEHICLE FLIGHT TEST.
C-1300	LOCKHEED	HERCULES	4 T56-A-9/-9A/-9B	AF	C-130A MODIFIED WITH <b>skis</b> FOR ADVANCE BASE OPERATIONS. 2 EXTERNAL 450-GALLON FUEL TANKS (4 CREW, 92 TROOPS, AND 74 LITERS) ,
C-130E	LOCKHEED	HERCULES	4 T56-A-7/-7A	AF	IMPROVED <b>C-130B</b> (5 CREW, 92 TROOPS, OR 74 LITERS).
DC-130E	LOCKHEED	HERCULES	4 T56-A-7/-7A	AF	<b>C-130E</b> MODIFIED AS A DIRECTOR AIRCRAFT.

CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
EC-130E	LOCKHEED	HERCULES	4 T56-A-71-7A	AF/CG	C-130E MODIFIED BY REMOVING EXTERNAL PYLON TANKS AND ADDING RADIO OPERATOR/NAVIGATOR POSITIONS AND LONG-RANGE RADIO AID TO NAVIGATION (LORAN) CALIBRATION EQUIPMENT. AF VERSION CONFIGURE AS ABCCC.
MC-130E	LOCKHEED	HERCULES	4 T56-A-71-15A	AF	C-130E MODIFIED FOR SPECIAL OPERATIONS FORCES MISSIONS.
NC-130E	LOCKHEED	HERCULES	4 T56-A-71-7A	AF	C-130E MODIFIED WITH PERMANENT TEST INSTRUMENTATION FOR FLEET UPGRADES.
WC-130E	LOCKHEED	HERCULES	4 T56-A-71-7A	AF	C-130E MODIFIED FOR WEATHER RECONNAISSANCE.
C-130F	LOCKHEED	HERCULES	4 T56-A-71-7A	NAVY	KC-130F WITH AERIAL REFUELER KIT (TANKS AND PODS). CARGO AERIAL DELIVERY SYSTEM REMOVED (7 CREW).
KC-130F	LOCKHEED	HERCULES	4 T56-A-16	NAVY	C-130B MODIFIED AS TACTICAL TANKER (7 CREW).
LC-130F	LOCKHEED	HERCULES	4 T56-A-16	NAVY	SKI - EQUIPPED C-130B (7 CREW, 92 TROOPS, OR 74 LITTERS).
EC-130G	LOCKHEED	HERCULES	4 T56-A-423	NAVY	C-130E WITH TACAMO COMMUNICATION SYSTEM AND USC-13 (V) INSTALLED.
C-130H	LOCKHEED	HERCULES	4 T56-A-15	AF	C-130E WITH NEW ENGINES AND COMMUNICATION/NAVIGATION EQUIPMENT.
AC-130H	LOCKHEED	SPECTRE	4 T56-A-15	AF	IMPROVED AC-130A.
DC-130H	LOCKHEED	HERCULES	4 T56-A-15	AF	C-130H MODIFIED AS DIRECTOR AIRCRAFT.







## CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
EC-130H	LOCKHEED	HERCULES	4 T56-A-15	AF	SPECIAL ELECTRONIC CONFIGURATION OF C-130H.
HC-130H	LOCKHEED	HERCULES	4 T56-A-15	AF/CG	C-130H WITH SPECIAL EQUIPMENT FOR SEARCH/RESCUE MISSIONS AND AERIAL RECOVERY ASSIGNMENTS (5 CREW).
LC-130H	LOCKHEED	HERCULES	4 T56-A-15	ANG	C-130H WITH SKIS FOR COLD WEATHER OPERATIONS.
MC-130H	LOCKHEED	HERCULES	4 T56-A-15	AF	C-130H MODIFIED FOR SPECIAL OPERATIONS FORCES MISSIONS.
NC-130H	LOCKHEED	HERCULES	4 T56-A-15	AF	FORMERLY DC-130H PERMANENTLY CONFIGURED FOR SPECIAL TESTING.
WC-130H	LOCKHEED	HERCULES	4 T56-A-15	AF	C-130H MODIFIED TO WEATHER RECONNAISSANCE CONFIGURATION SIMILAR TO WC-130E.
YMC-130H	LOCKHEED	HERCULES	4 T56-A-15	AF	MC-130H PROTOTYPE.
C-130J	LOCKHEED	HERCULES	4 AE210003	AF	IMPROVED C-130H WITH NEW ENGINES/PROPELLERS AND INTEGRATED DIGITAL AVIONICS TWO PERSON FLIGHT STATION.
C-130K	LOCKHEED	HERCULES	4 T56-A-15	UK	C-130E WITH DIFFERENT ENGINES, BRITISH NAVIGATION/COMMUNICATION EQUIPMENT AND REDESIGNED CARGO FLOOR AND TIEDOWN GRID PATTERN (5 CREW).
HC-130N	LOCKHEED	HERCULES	4 T56-A-15	AF	C-130H MODIFIED WITH C-130E RADOME, NEW CENTER WING SECTION, AND MODIFIED TO AERIAL REFUEL HELICOPTERS.
HC-130P	LOCKHEED	HERCULES	4 T56-A-15	AF	HC-130H MODIFIED TO AERIAL REFUEL HELICOPTERS.

CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
MC-130P	LOCKHEED	HERCULES	4 T56-A-15	AF	HC-130N/P AIRCRAFT MODIFIED TO ADD REQUIRED OPERATIONAL CAPABILITIES.
EC-130Q	LOCKHEED	HERCULES	4 T56-A-423	NAVY	SIMILAR TO EC-130G AIRCRAFT. CAPABLE OF COMMUNICATING WITH SUBMERGED SUBMARINES.
KC-130R	LOCKHEED	HERCULES	4 T56-A-16	NAVY	NAVY VERSION OF C-130H CONFIGURED FOR REFUELING OPERATIONS.
LC-130R	LOCKHEED	HERCULES	4 T56-A-16	NAVY	NAVY VERSION OF C-130E WITH DIFFERENT ENGINES, COMMUNICATIONS/NAVIGATION EQUIPMENT, AND COLD WEATHER MODIFICATIONS, SUCH AS SKIS.
C-130T	LOCKHEED	HERCULES	4 T56-A-16	NAVY	KC-130T TANKER WITHOUT AERIAL REFUELING EQUIPMENT.
KC-130T	LOCKHEED	HERCULES	4 T56-A-16	NAVY	UPGRADED KC-130R.
AC-130U	LOCKHEED	HERCULES	4 T56-A-15	AF	C-130 PROCURED AND MODIFIED TO A GUNSHIP CONFIGURATION TO REPLACE THE AC-130H.
EC-130V	LOCKHEED	HERCULES	4 T56-A-15	CG	HC-130H MODIFIED WITH FUSELAGE-MOUNTED, ROTATING DISH RADOME FOR DETECTING AND TRACKING AIRCRAFT SURFACE VESSELS INVOLVED IN SMUGGLING; MARITIME DEFENSE ZONE COMMAND AND CONTROL.
C-131B	GENERAL DYNAMICS	SAMANTHA	2 R-2800-103W P&W	AF	ELECTRONIC EQUIPMENT TEST BED TRANSPORT. AF VERSION OF CONVAIR 340 (3 CREW).
C-1310	GENERAL DYNAMICS	SAMANTHA	2 R-2800-103W P&W	AF	C-131B MODIFIED AS PASSENGER TRANSPORT (4 CREW, 44 PASSENGERS).





## CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
<b>C-131E</b>	GENERAL DYNAMICS	SAMARI TAN	2 R-Z800-103W P&W	AF	IMPROVED <b>C-131B</b> MODIFIED FOR CARGO, PASSENGERS OR LITTERS (2 CREW, 48 PASSENGERS, OR 38 LITTERS).
<b>C-131F</b>	GENERAL DYNAMICS	SAMARI TAN	2 R-2800-52W P&W	NAVY	NAVY VERSION OF <b>C-131E</b> .
<b>C-131G</b>	GENERAL DYNAMICS	SAMARI TAN	2 R-2800-52W P&W	NAVY	CARGO/PERSONNEL TRANSPORT VERSION OF CONVAIR 440 (3 CREW, 44 PASSENGERS, OR 21 LITTERS).
<b>NC-131H</b>	GENERAL DYNAMICS	SAMARI TAN	2 501 -D13H P&W	AF	TEST CONFIGURED <b>C-131D</b> .
C-135A	BOEING	STRATOLIFTER	4 J57-P/F-59W P&W/ FORD	AF	AF VERSION OF BOEING 707 LONG RANGE, HIGH-PERFORMANCE TRANSPORT (4 CREW, 75 TROOPS OR 44 LITTERS, AND 48 AMBULATORY PATIENTS WITH 6 ATTENDANTS).
EC-135A	BOEING	STRATOLIFTER	4 J57-P/ F-59W P&W/ FORD	AF	KC-135A AIRCRAFT WITH ELECTRONICS EQUIPMENT FOR USE AS AIRBORNE COMMAND POST AND COMMUNICATION RELAY MISSIONS.
KC-135A	BOEING	STRATOTANKER	4 J57-P/F-43WB/-59W	AF	C-135A <b>EQUIPPED</b> WITH FLYING BOOM FOR AERIAL REFUELING. <b>MAY</b> BE USED AS A CARGO/TROOP TRANSPORT (4 CREW, 80 PASSENGERS) .
NC-135A	BOEING	STRATOLIFTER	4 J57-P/ F-43WB/-59W	AF	TEST CONFIGURED C-135A,
<b>NKC-135A</b>	BOEING	STRATOTANKER	4 J57-P/F-43WB/-59W	AF	TEST CONFIGURED KC-135A.
<b>C-135B</b>	BOEING	STRATOLIFTER	4 TF33-P-5	AF	IMPROVED C-135A.

CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
EC-135B	BOEING	STRATOLIFTER	4 TF33-P-5	AF	C- 135B MODIFIED AS ADVANCED RANGE INSTRUMENTED AIRCRAFT (ARIA) ( INCLUDES LARGER NOSE RADOME) .
OC-135B	BOEING	STRATOLIFTER	4 TF33-P-5	AF	WC-135B MODIFIED FOR USE AS AN OBSERVATION PLATFORM TO SUPPORT THE OPEN SKIES TREATY.
TC-135B	BOEING	STRATOLIFTER	4 TF33-P-5	AF	TRAINING VERSION OF WC-135B WITH SPECIAL MISSION EQUIPMENT REMOVED.
WC-135B	BOEING	STRATOLIFTER	4 TF33-P-5	AF	C-135B MODIFIED FOR WEATHER RECONNAISSANCE.
C-135C	BOEING	STRATOLIFTER	4 TF33-P-5	AF	IMPROVED C-135B WITH DIFFERENT RADIO, NAVIGATION, ELECTRICAL SYSTEMS, AND COCKPIT CONFIGURATION.
EC-135C	BOEING	STRATOLIFTER	4 TF33-P-9	AF	IMPROVED C-135B WITH DIFFERENT ENGINES AND ELECTRONICS FOR AIRBORNE COMMAND POST AND COMMUNICATION RELAY CAPABILITY. FORMERLY KC- 135B.
KC-135D	BOEING	STRATOTANKER	4 J57-59	AF	FORMERLY KC-135A MODIFIED TO PARTIAL KC-135A CONFIGURATION.
C-135E	BOEING	STRATOLIFTER	4 TF-33-PW-102 (JT3D-3B)	AF	C-135A MODIFIED FOR PARTICULAR MISSIONS BY USAF DIRECTION.
EC-135E	BOEING	STRATOLIFTER	4 TF-33-FWI-102 (JT3D-3D)	AF	C-135A MODIFIED FOR PARTICULAR MISSIONS BY USAF DIRECTION.
KC-135E	BOEING	STRATOTANKER	4 TF-33-PW-102 (JT3D-3B)	AF	KC-135A REENGINEED WITH ENGINES FROM BOEING 707 AIRCRAFT.



## CARGO/TRANSPORT SERIES ( CONT I NUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
RC-135E	BOEING	STRATOLIFTER	4 TF-33-PW-10Z (JT3D-3B)	AF	KC-135A REENGINEED WITH ENGINES FROM BOEING 707 AIRCRAFT.
NKC-135E	BOEING	STRATOTANKER	4 TF-33-PW-10Z (JT3D-3B)	AF	KC-135A REENGINEED WITH ENGINES FROM BOEING 707 AIRCRAFT.
C-135F	BOEING	STRATOLIFTER	4 J57-P/ F-59W	FRANCE	MODIFIED C-135A USED BY FRANCE FOR TANKER, CARGO, TROOP CARRIER, AND AIR EVACUATION (4 CREW, 126 TROOPS OR 44 LITTERS).
EC-135G	BOEING	STRATOLIFTER	4 J57-P/ F-59W P&W/ FORD	AF	KC-135A MODIFIED FOR AIRBORNE NATIONAL COMMAND POST.
EC-135H	BOEING	STRATOLIFTER	4 J57-P/ F-59W P&W/ FORD	AF	KC-135A MODIFIED FOR AIRBORNE NATIONAL COMMAND POST.
EC-135J	BOEING	STRATOLIFTER	4 TF33-P-9	AF	FORMERLY KC-135B MODIFIED FOR AIRBORNE NATIONAL COMMAND POST.
EC-135K	BOEING	STRATOLIFTER	4 J57-P/F-59W P&W/ FORD	AF	KC-135A MODIFIED FOR DEPLOYMENT CONTROL.
EC-135L	BOEING	STRATOLIFTER	4 J57-P/ F-59W P&W/ FORD	AF	KC-135A MODIFIED FOR RADIO RELAY AND AM DROPOUT CAPABILITY.
RC-135M	BOEING	STRATOLIFTER	4 TF33-P-5	AF	C-135B MODIFIED TO CLASSIFIED CONFIGURATION.
C-135N	BOEING	STRATOLIFTER	4 J57-P/F-43WB	AF	EC-135N WITH ELECTRONICS REMOVED. RETAINS LARGE NOSE RADOME.

CARGO/TRANSPORT SERIES ( CONT I NUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE OATA	DEPARTMENT	DESCRI PTION
EC-135N	BOEING	STRATOLI FTER	4 J57-P/F-43WB	AF	C-135A WITH ELECTRONICS MODIFI CATION AS AOVANCEO RANGE INSTRUMENTED AIRCRAFT (ARIA) . LARGE NOSE RADOME.
EC-135P	BOEING	STRATOLIFTER	4 J57-P/F-59W P&W/ FORO	AF	KC-1 35A MOOIFI EO FOR AIRBORNE NATIONAL COMMANO POST.
KC-135Q	BOEING	STRATOTANKER	4 J57-P/ F-59W P&W/ FORO	AF	KC-135A MODIFIED TO REFUEL AIRCRAFT WHICH OO NOT USE JP-4 FUEL.
KC-135R	BOEING	STRATOTANKER	4 F108-CF100 (CFM 56)	AF	KC-135A WITH HIGHER THRUST, TURBOFAN ENGINES.
RC-135S	BOEING	STRATOLI FTER	4 TF33-P-5	AF	FORMERLY RC-135 MODIFI EO TO CLASS I FI EO RECONNAI SSANCE CAPABI LITY.
TC-135S	BOEING	STRATOLIFTER	4 TF33-P-5	AF	FORMERLY EC-135BMODIFI EO FOR RC-135S FLIGHT CREW TRAINING.
KC-135T	BOEING	STRATOTANKER	4 F108-CF100 CFM 56	AF	KC-135Q WITH HIGHER THRUST, TURBOFAN ENGINES.
RC-135U	BOEING	STRATOLIFTER	4 TF33-P-9	AF	FORMERLY RC-135C MOOI FI EO TO CLASS I FI EO CONFIGURATION.
RC-135V	BOEING	STRATOLIFTER	4 TF33-P-5	AF	RC-135M MOOI FIEO TO CLASS I FIEO CONFIGURATION.
RC-135W	BOEING	STRATOLIFTER	4 TF33-P-5	AF	SUPPORTS CLASS I FI EO PROGRAM.
TC-135W	BOEING	STRATOLIFTER	4 TF33-P-5	AF	TRAINING VERSI ON OF RC-135W WI TH SPECIAL MI SSION EQUIPMENT REMOVED.



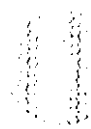


CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
WC-135W	BOEING	STRATOLIFTER	4 TF33-P-5	AF	WC-135B MODIFIED TO "-135W" CONFIGURATION.
RC-135X	BOEING	STRATOLIFTER	4 TF33-P-5	AF	FORMERLY EC-135B MODIFIED FOR CLASSIFIED MISSION.
EC-135Y	BOEING	STRATOLIFTER	4 J57-P/F-43 WB/59W	AF	FORMERLY NKC-135 RECONFIGURED AS COMMAND, CONTROL, AND COMMUNICATIONS AIRCRAFT FOR CI NCCENT.
C-1376	BOEING	STRATOLINER	4 JT3D-3B P&W ( COMMERCIAL)	AF	BOEING 707-320 MODIFIED AS STAFF TRANSPORT FOR SPECIAL AIR MISSIONS. ENGINEERING CHANGES INCREASE RANGE & PERFORMANCE (7 CREW, 36 PASSENGERS).
c-137C	BOEING	STRATOLINER	4 JT-3D-3B P&W ( COMMERCIAL)	AF	C-137B WITH LONGER FUSELAGE (7 CREW, 49 PASSENGERS).
EC-1370	BOEING	NONE	4 JT3D-3B	AF	BOEING 707 WITH EXTENDED FUSELAGE AND JT3D-3B ENGINES USED TO PROVIDE AIRBORNE COMMAND, CONTROL, AND COMMUNICATIONS FOR UNCL NCSOC.
C-140A	LOCKHEED	JET STAR	4 J60-P-5A/-5B	AF	MEDIUM AIRCRAFT WITH SWEPT WINGS AND TRICYCLE LANDING GEAR. USED TO ACCOMPLISH THE COMBAT FLIGHT INSPECTION AND NAVIGATION (C-FIN) MISSION (5 CREW).
C-140B	LOCKHEED	JET STAR	4 J60-P-5A/-5B	AF	C-140A CONFIGURED TO TRANSPORT STAFF PERSONNEL (2 CREW, 8 PASSENGERS) .
C-141A	LOCKHEED	STARLIFTER	4 TF33-P-7	AF	HIGH WING, FULL CANTILEVER, SEMI MONOCOQUE FUSELAGE, LONG-RANGE TRANSPORT FOR CARGO OR PERSONNEL (6 CREW, 154 TROOPS OR 123 PARATROOPS, OR 80 LITTERS PLUS 8 ATTENDANTS) .

CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
NC-141A	LOCKHEED	STARLIFTER	4 TF33-P-7	AF	TEST CONFIGURED C-141A.
C-141B	LOCKHEED	STARLIFTER	4 TF33-P-7	AF	STRETCHED C-141A WITH 23 FEET ADDED TO FUSELAGE, IMPROVED WINGS, AND AERIAL REFUEL CAPABILITY.







ELECTRONIC SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
E-1 B	GRUMMAN	TRACER	2 R-1820-82A WRIGHT	NAVY	LIGHT, HIGH-WING, CARRIER-BASED AIRCRAFT WITH TRICYCLE LANDING GEAR EQUIPPED FOR AIRBORNE EARLY WARNING OPERATIONS (4 CREW).
TE-2A	MA	HAWKEYE	2 T56-A-8/-8A/-8B	NAVY	E-2B WITH AIR TACTICAL DATA SYSTEM (ATDS) REMOVED AND MODIFIED FOR TRAINING.
E-2B	GRUMMAN	HAWKEYE	2 T56-A-8/-8A/-8B	NAVY	EARLY WARNING, COMMAND, CONTROL AIRCRAFT. CARRIER-BASED FOR TASK FORCE SUPPORT (5 CREW).
E-2C	MA	HAWKEYE	2 T56-A-422	NAVY	E-2B WITH IMPROVED ENGINES, COMPUTER, RADAR, AND NEW PASSIVE DETECTION SYSTEM.
T E-2C	GRUMMAN	HAWKEYE	2 T56-A-8/-8A/-8B	NAVY	YE-2C MODIFIED FOR PILOT TRAINING.
YE-2C	GRUMMAN	HAWKEYE	2 T56-A-8/-8A/-8B	NAVY	PROTOTYPE E-2C WITH VAPOR CYCLE AIR SYSTEM, REDESIGNED ROTODOME LARGER NOSE SECTION, AND NEW AVIONICS SUBSYSTEM.
E-3A	BOEING	SENTRY	4 TF-33-TF-100A	AF	BOEING MODEL 707-300 SERIES WITH LARGE, FUSELAGE-MOUNTED, ROTATING ROTODOME. USED IN COMMAND, CONTROL SURVEILLANCE, WEAPONS CONTROL, COMMUNICATIONS RELAY, SELF-DEFENSE, AND THREAT EVALUATION/WARNING.
KE-3A	BOEING	SENTRY	4 TF-33-FW-100A	SAUDI	E-3A MINUS EARLY WARNING RADAR & COMMAND, CONTROL SYSTEMS. MODIFIED FOR TANKER/CARGO MISSION WITH VENTRAL BOOM AND WINGTIP PROBE-AND-DROGUE, CARGO DOOR, AND REINFORCED CARGO FLOOR, PEACE SENTINEL PROGRAM.
E-3B	BOEING	SENTRY	4 TF-33-PW-100A	AF	E-3A MODIFIED WITH UPGRADED COMPUTER AND COMMUNICATIONS EQUIPMENT.

ELECTRONIC SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
<del>KE-3B</del>	BOEING	SENTRY	4 TF-33-PW-100A	SAUDI	<del>KE-3A</del> MODIFIED TO A TACTICAL AIRBORNE SURVEILLANCE SYSTEM CONFIGURATION.
E-3C	BOEING	SENTRY	4 TF-33-PW-100A	AF	E-3A MODIFIED WITH UPGRADED COMPUTER AND COMMUNICATIONS EQUIPMENT. EQUIPPED WITH <del>APY-2</del> MARITIME RADAR.
<del>JE-3C</del>	BOEING	SENTRY	4 TF-33-PW-100A	AF	E-3C MODIFIED AS A SPECIAL TEST BED FOR E-3 <del>HARDWARE</del> AND SOFTWARE MODIFICATIONS.
<del>E-3D</del>	BOEING	SENTRY	4 <del>CFM-56</del>	UK	USAF E-3A AIRCRAFT PURCHASED BY THE UNITED KINGDOM AND MODIFIED WITH <del>CFM-56</del> ENGINES AND VARIOUS OTHER EQUIPMENT.
E-4A	BOEING	NONE	4 F-105 -FW-100	AF	MILITARY VERSION OF BOEING <del>747-200B</del> COMMERCIAL TRANSPORT EQUIPPED FOR ADVANCED AIRBORNE NATIONAL COMMAND POST MISSION (3 CREW).
<del>E-4B</del>	BOEING	NONE	4 F-105 -PW-100	AF	UPGRADED E-4A WITH MAJOR MODIFICATIONS IN AVIONICS, INFLIGHT REFUELING, INCREASED ELECTRICAL <del>POWER</del> , ENVIRONMENTAL COOLING, AND HIGHER THRUST ENGINES.
E-6A	BOEING	NONE	4 <del>CFM-56</del>	NAVY	COMMUNICATIONS RELAY VARIANT OF BOEING 707. INCLUDES (TACAMO) SUITE, WING-TIP PODS, TRAILING WIRE ANTENNA, AND <del>FOUR</del> 75-KVA GENERATORS.
E-8A	NONE	NONE	TB0	AF	PLATFORM FOR JOINT STARS.
E-8B	BOEING GRUMMAN	NONE	4 <del>CFM56-2A-3</del>	AF	NEW 707 AIRCRAFT WITH UPGRADES TO MISSION EQUIPMENT, FIVE ADDITIONAL <del>O&amp;C</del> CONSOLES, NEW CREW REST LAYOUT, NEW NAV SYSTEM, IMPROVED ECS AND OTHER MINOR CHANGES.

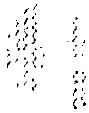




ELECTRONIC SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE OATA	DEPARTMENT	DESCRI PTION
E-8C	BOEING GRUMMAN	JOINT STARS	4 <b>P&amp;W JT3D-3B</b>	AF	OPERATIONAL PLATFORM FOR JOINT STARS .
E-9A	OEHAVI L LAND	NONE	2 <b>PW1 2A</b>	AF	TWO ENGINE PROP AIRCRAFT WITH SEA SURVEILLANCE RAOAR AND DATA LINK FOR DRONE COMMANO AND CONTROL TO RELAY MISSILE FIRING INFORMATION.

FIGHTER SERIES					
MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
F-4B	MCDONNELL DOUGLAS	PHANTOM I I	2 J79-GE-8B/-8C	NAVY	CARRIER-BASED, ALL-WEATHER FIGHTER. CARRIES MISSILES AND SPECIAL STORES (2 CREW).
QF-4B	MCDONNELL DOUGLAS	PHANTOM I I	2 J79-GE-8B/-8C	NAVY	F-4B MODIFIED AS RDT&E TARGET DRONE OR DIRECTOR AIRCRAFT.
RF-4B	MCDONNELL DOUGLAS	PHANTOM I I	2 J79-GE-8B/-8C	NAVY	F-4B EQUIPPED FOR PHOTOGRAPHY.
F-4C	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-15	AF	AF VERSION OF F-4B. CARRIES OPTICAL AND GUIDED BOMBS, AIR-TO-AIR MISSILES AND CANNON.
NF-4C	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-15/-17	AF	EXTENSIVELY MODIFIED F-4C FOR TEST PROGRAMS AT THE AF FLIGHT TEST CENTER.
RF-4C	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-15	AF	F-4C MODIFIED FOR PHOTOGRAPHIC AND ELECTRONIC RECONNAISSANCE MISSIONS.
NRF-4C	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-15/-17	AF	EXTENSIVELY MODIFIED RF-4C FOR TEST PROGRAMS AT THE AF FLIGHT TEST CENTER.
QRF-4C	MCDONNELL DOUGLAS	PHANTOM	2 J79-GE-10/-17	AF	FULL SCALE AERIAL TARGET REPLACEMENT FOR QF-106.
F-4D	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-15	AF	UPGRADED F-4C WITH IMPROVED AVIONICS FOR AIR-TO-AIR AND AIR-TO-GROUND OPERATIONS.
NF-4D	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-15/-17	AF	EXTENSIVELY MODIFIED F-4D FOR TEST PROGRAMS AT THE AF FLIGHT TEST CENTER.





FIGHTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
F-4E	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-17	AF/GAF	IMPROVED F-4D WITH EXTRA FUEL CELLS, MANEUVERING SLATS, IMPROVED RADAR, AND INTERNALLY MOUNTED GUN.
NF-4E	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-15/-17	AF	EXTENSIVELY MODIFIED F-4E FOR TEST PROGRAMS AT THE AF FLIGHT TEST CENTER,
QF-4E	MCDONNELL DOUGLAS	PHANTOM	2 J79-GE-10/-17	AF	FULL SCALE AERIAL TARGET REPLACEMENT FOR QF-106.
YF-4E	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-17	AF	F-4E TESTBED AIRCRAFT.
F-4G	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-17	AF	F-4E MODIFIED TO WILLOW WEASEL CONFIGURATION FOR DEFENSE SUPPRESSION MISSION.
QF-4G	MCDONNELL DOUGLAS	PHANTOM	2 J79-GE-15/-17	AF	FULL SCALE AERIAL TARGET REPLACEMENT FOR QF-106.
F-4J	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-8B	NAVY	UPGRADED F-4E AIRCRAFT EQUIPPED WITH AWG-10 PULSE DOPPLER RADAR AND IMPROVED AVIONICS.
EF-4J	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-8B	NAVY	F-4J MODIFIED FOR ELECTRONIC WARFARE MISSIONS.
YF-4J	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-8B	NAVY	PROTOTYPE F-4J ,
F-4K	MCDONNELL DOUGLAS	PHANTOM II	2 SPEY R. SP SR. ROLLS ROYCE	NAVY/UK	UPGRADED F-4B AIRCRAFT EQUIPPED WITH AWR-10 PULSE DOPPLER RADAR, EXTENSIBLE NOSE LANDING GEAR FOR CATAPULTING, DROPPED ALERONS.

FIGHTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
F-4M	MCDONNELL DOUGLAS	PHANTOM II	2 SPEYER 5P SR. ROLLS ROYCE	RAF	RAF ATTACK VERSION OF F-4K WITH INERTIAL NAVIGATION SYSTEM, ANTI-SKID BRAKES, ILS, SELF-START CAPABILITY.
F-4N	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-8B/-8C	NAVY	F-4B UPGRADED DURING "BEE LINE" MODIFICATION.
F-4S	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-10B	NAVY	F-4J MODIFIED FOR EXTENDED SERVICE LIFE.
F-5A	NORTHROP	FREEDOM FIGHTER	2 J85-GE-13	AF	MID-WING, NOSE GUN, FIGHTER VERSION OF THE T-38A (1 CREW), (FMS) PROGRAM USE.
F-5B	NORTHROP	FREEDOM FIGHTER	2 J85-GE-13	AF	TWO-PLACE FIGHTER/TRAINER VERSION OF F-5A.
F-5E	NORTHROP	TIGER II	2 J85-GE-21	AF	INTERNATIONAL FIGHTER AIRCRAFT. MODIFIED F-5A WITH DIFFERENT ENGINES AND UPDATED/SIMPLIFIED AVIONICS (1 CREW).
RF-5E	NORTHROP	TIGER II	2 J85-GE-21	AF	RECONNAISSANCE VERSION OF F-5E WITH M-39 GUN.
F-5F	NORTHROP	TIGER II	2 J85-GE-21	AF	UPGRADED F-5E. 2-PLACE FIGHTER/TRAINER.
RF-8G	LTV AEROSPACE	CRUSADER	1 J57-P-22	NAVY	SINGLE-PLACE, SWEEP/VARIABLE-INCIDENCE WING, LAND-BASED TRAINER WITH RECONNAISSANCE CAPABILITY.
F-8J	LTV AEROSPACE	CRUSADER	1 J57-P-20A/-420	NAVY	REMANUFACTURED F-8E. INCREASED FUSELAGE STRENGTH, BOUNDARY LAYER CONTROL (BLC), INCREASED WING FATIGUE LIFE, AN/APQ-124 RADAR.





FIGHTER SERIES (CONTINUED)

MOS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
<b>F-8K</b>	LTV AEROSPACE	CRUSADER	1 <b>J57-P-16/-16B</b>	NAVY	REMANUFACTURE <b>F-8C</b> . FUSELAGE, WING, LANDING GEAR, AND STRUCTURAL CHANGES.
<b>DF-8L</b>	LTV AEROSPACE	CRUSADER	1 <b>J57-P-4A</b>	NAVY	REMANUFACTURED <b>F-8B</b> . FUSELAGE, WING, LANDING GEAR STRUCTURAL CHANGES.
F-14A	GRUMMAN	TOMCAT	2 <b>TF30-P-412</b>	NAVY	CARRIER-BASED, FIGHTER WITH MODIFIED PHOENIX WEAPON SYSTEM FOR FLEET AIR DEFENSE, ESCORT, COMBAT AIR PATROL, AIR SUPERIORITY, AND INTERDICTION MISSIONS (2 CREW).
<b>NF-14A</b>	GRUMMAN	TOMCAT	Z <b>TF3-P404</b>	NAVY	<b>PERMANENT</b> TEST FIGHTER AIRCRAFT. F-14A MODIFIED FOR DEVELOPMENT OF AVIONIC AND WEAPONS SYSTEMS FOR F-14A.
<b>F-14B</b>	GRUMMAN	TOMCAT	Z F401 <b>-PW-400</b>	NAVY	UPGRADED F-14A.
<b>NF-14B</b>	GRUMMAN	TOMCAT	Z F401 <b>-PW-400</b>	NAVY	<b>F-14B</b> CONFIGURED FOR PERMANENT TEST.
<b>F-14C</b>	GRUMMAN	TOMCAT	Z TF30-P-412	NAVY	UPGRADED F-14A WITH <b>AWG-9</b> WEAPON CONTROL SYSTEM.
<b>NF-14D</b>	GRUMMAN	TOMCAT	2 F110-GE-400	NAVY	PERMANENT TEST FIGHTER AIRCRAFT. <b>F-14D</b> MODIFIED FOR DEVELOPMENT OF AVIONIC AND WEAPON SYSTEM FOR <b>F-14D</b> .
F-15A	MCDONNELL DOUGLAS	EAGLE	2 F101-I-14-100	AF	AIR SUPERIORITY FIGHTER WITH <b>FIXED</b> WING AND TRICYCLE LANDING GEAR. TURBOFAN ENGINES MOUNTED IN THE AFT FUSELAGE SECTION (1 CREW).
<b>YF-15A</b>	MCDONNELL DOUGLAS	EAGLE	2 F100-PW-100	AF	PROTOTYPE F-15A.

FIGHTER SERIES (CONTINUEO)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
F-15B	MCDONNELL DOUGLAS	EAGLE	2 F100-FW-100	AF	FIGHTER-TRAINER VERSION OF THE F-15A (2 CREW).
NF-15B	MCDONNELL DOUGLAS	EAGLE	2 F100-PW-220	AF	YF-15B MODIFIED WITH CLOSE COUPLED CANARDS, THRUST VECTORING/REVERSING NOZZLES, MODIFIED ROUGH FIELD LANDING GEAR, FOUR CHANNEL DIGITAL FLIGHT CONTROL SYSTEM, AND F-15E AVIONICS.
YF-15B	MCDONNELL DOUGLAS	EAGLE	2 F100-PW-100	AF	PROTOTYPE F-156.
F-15C	MCDONNELL DOUGLAS	EAGLE	2 F100-PW-100 F100-PW-220	AF	F-15 CONFIGURED WITH PEP-2000 MODIFICATIONS. ALSO FOR FMS PROGRAM.
F-150	MCDONNELL DOUGLAS	EAGLE	2 F100-PW-100 F100-FW-220	AF	TWO-SEAT VERSION OF F-15C. ALSO FOR FMS PROGRAM.
F-15E	MCDONNELL DOUGLAS	EAGLE	2 F100-FW-220	AF	F-150 MODIFIED WITH IMPROVED FIRE CONTROL AND WEAPONS DELIVERY, LANTIRN AND TEWS TO PERFORM NIGHT, ALL-WEATHER MISSIONS REQUIREMENTS.
F-15S	MCDONNELL DOUGLAS	EAGLE	2 F100-FW-229	SAUDI	AIR SUPERIORITY AND INTERDICTION FIGHTER WITH FIXED WING AND TRICYCLE LANDING GEAR. TURBOFAN ENGINES MOUNTED IN AFT FUSELAGE SECTION. TWO CREW.
F-16A	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-FW-100	AF	LIGHTWEIGHT SUPERSONIC FIGHTER (1 CREW).
NF-16A	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-100	AF	TESTBED AIRCRAFT TO SUPPORT ADVANCED FIGHTER TECHNOLOGY INTEGRATION PROGRAM.







FIGHTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
YF-16A	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-100	AF	PROTOTYPE F-16A.
F-16B	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-100	AF	TWO-SEAT VERSION OF F-16A.
NF-16B	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-100	AF	TESTBED AIRCRAFT USED TO SUPPORT A VARIETY OF SPECIAL TEST PROGRAMS.
YF-16B	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-100	AF	PROTOTYPE F-16B.
F-16C	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-200/229 F100-GE-110/129	AF	UPGRADED F-16A WITH IMPROVED AVIONICS, HEADS-UP DISPLAY, AND ENGINE.
NF-16C	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-200/229 F100-GE-110/129	AF	TESTBED AIRCRAFT USED TO SUPPORT A VARIETY OF SPECIAL TEST PROGRAMS.
RF-16C	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-200/229 F100-GE-110/129	AF	F-16C MODIFIED FOR RECONNAISSANCE.
F-16D	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-200/229 F100-GE-110/129	AF	TWO-SEAT VERSION OF F-16C FOR TRAINING.
NF-16D	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-200-229 F100-GE-100-129	AF	TESTBED AIRCRAFT USED TO SUPPORT A VARIETY OF SPECIAL TEST PROGRAMS.
RF-16D	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-220/229 F100-GE-110/129	AF	F-16D MODIFIED FOR RECONNAISSANCE.

FIGHTER SERIES (CONTINUED)

MOS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
F-16N	GENERAL DYNAMICS	FIGHTING FALCON	1 F110-GE-100	NAVY	MODIFIED F-16C TO BE USED BY NAVY FOR HIGH PERFORMANCE ALL-WEATHER FIGHTER THREAT SIMULATOR IN THE ADVERSARY TRAINING PROGRAM.
TF-16N	GENERAL DYNAMICS	FIGHTING FALCON	1 F110-GE-100	NAVY	TWO-SEAT <b>F-16N</b> USED TO TEST PILOT PROFICIENCY IN SIMULATING HIGH PERFORMANCE, ALL-WEATHER AGGRESSOR.
F-18A	MCDONNELL DOUGLAS/NORTHROP	HORNET	2 <b>F404-GE-400</b>	NAVY	LIGHT-WEIGHT, MID-WING, SUPERSONIC CARRIER-BASED FIGHTER WITH TWIN VERTICAL STABILIZERS (1 CREW).
<b>TF-18A</b>	MCDONNELL DOUGLAS	HORNET	2 <b>F404-GE-400</b>	NAVY	TWO-PLACE TRAINER VERSION OF F-18A.
<b>F-18L</b>	NORTHROP	HORNET	2 F404-GE-404	NAVY	LAND-BASED VERSION OF F-18A.
F-20A	NORTHROP	NONE	1 F404-GE-100	<b>FMS</b>	MULTIROLE TACTICAL FIGHTER PRIMARILY FOR OFFENSE. <b>DIGITAL</b> ELECTRONICS. <b>FLY-BY-WIRE</b> TECHNOLOGY.
F-21A	ISRAEL AIRCRAFT	<b>KFIR</b> C-1	1 <b>J-79J1E</b>	NAVY	SINGLE SEAT, SUPERSONIC FIGHTER USED FROM NAS OCEANA IN THE ADVERSARY TRAINING ROLE WITH FIGHTER <b>SQ (VF-43)</b> .
F-22A	<b>LOCKHEED</b> , BOEING GENERAL DYNAMICS	TBD	2 F119-PW-100	AF	AIR SUPERIORITY FIGHTER WITH STEALTH TECHNOLOGIES, SUPERB AGILITY, TWIN THRUST-VECTORING, AFTERBURNING ENGINES, LONG RANGE, INTEGRATED AVIONICS, ENHANCED RELIABILITY AND MAINTAINABILITY AND SUPERCRUISE PERFORMANCE.
<b>YF-22A</b>	LOCKHEED, BOEING GENERAL DYNAMICS	NONE	2 <b>GE-YF120</b> <b>PW-YF119</b>	AF	PROTOTYPE SINGLE-SEAT, TWIN ENGINE, SUPERSONIC AIR SUPERIORITY FIGHTER.





FIGHTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
F-22B	LOCKHEED	NONE	2 F119-PW-100	AF	TWO SEAT VERSION OF F-22A.
YF-23A	MCDONNELL DOUGLAS/NORTHROP	NONE	2 GE-YF120 PW-YF119	AF	PROTOTYPE SINGLE-SEAT, TWIN ENGINE, SUPERSONIC AIR SUPERIORITY FIGHTER.
QF-86H	NORTH AMERICAN ROCKWELL	SABRE	1 J73-GE-3F	NAVY	DRONE VERSION OF F-86 INTERCEPTOR WITH LOW SWEPTBACK WINGS AND TAIL AND CLAMSHELL CANOPY .
F-100D	NORTH AMERICAN ROCKWELL	SUPER SABRE	1 J57-P/F-21/-21 A P&W/ FORO	AF	SUPERSONIC JET FIGHTER WITH THIN SWEPTBACK WINGS AND AFTER BURNER, PROVISIONS FOR BUDDY TANKER REFUELING ( 1 CREW).
QF-100D	NORTH AMERICAN ROCKWELL	SUPER SABRE	1 J57-P/F-21/-21A P&W/ FORD	AF	DRONE VERSION OF F-100D USED FOR CAPTIVE MISSILE EVALUATION, CREW TRAINING, AND SYSTEM CHECKOUT.
YQF-100D	NORTH AMERICAN ROCKWELL	SUPER SABRE	1 J57-P/F-21/-21 A P&W/ FORD	AF	PROTOTYPE QF- 100D.
F-100F	NORTH AMERICAN ROCKWELL	SUPER SABRE	1 J57-P/F-21/-21 A P&W/ FORD	AF	2-SEAT VERSION OF F-100D.
QF-100F	NORTH AMERICAN ROCKWELL	SUPER SABRE	1 J57-P/F-21/-21 A P&W/ FORO	AF	DRONE VERSION OF F-100F.
F-101B	MCDONNELL DOUGLAS	VOODOO	2 J57-P/F-13/-13A P&W/ FORD	AF	SWEPTBACK MID-WING FIGHTER WITH SWEPTBACK 1 -PIECE HORIZONTAL STABILIZER SET HIGH ON FIN. TRICYCLE LANDING GEAR (2 CREW).
F-101 F	MCDONNELL DOUGLAS	VOODOO	2 J57-P/ F-55 P&W/ FORD	AF	UPGRADED F-101B.

FIGHTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
F- 102A	GENERAL DYNAMICS	DELTA DAGGER	1 J57-P/F-23/-23A P&W/ FORD	AF	SUPERSONIC, ALL-WEATHER, DELTA WING INTERCEPTOR. TRICYCLE LANDING GEAR, AFT FUSELAGE-MOUNTED SPEED BRAKES AND DRAG CHUTE (1 CREW).
QF-102A	GENERAL DYNAMICS	DELTA DAGGER	1 J57-P/F-23/-23A P&W/ FORD	AF	DRONE VERSION OF F-102A USED FOR CAPTIVE MISSILE EVALUATION, CREW TRAINING, AND SYSTEM CHECKOUT.
TF-102A	GENERAL DYNAMICS	DELTA DAGGER	1 J57-P/F-23/-23A P&W/ FORD	AF	F-102A MODIFIED TO A 2-PLACE SIDE-BY-SIDE TRAINER.
F-104G	LOCKHEED	STARFIGHTER	1 J79-GE-11A	AF	SINGLE-PLACE, MID-WING, LIGHTWEIGHT, HIGH PERFORMANCE FIGHTER (1 CREW).
TF-104G	LOCKHEED	STARFIGHTER	1 J79-GE-11A	AF	F-104G MODIFIED FOR TRAINING (2 CREW) .
F-105B	JAPAN/ FAIRCHILD HILLER	THUNDERCHIEF	1 J75-P-19	AF	MID-WING, HIGH-PERFORMANCE, FIGHTER-BOMBER (1 CREW) .
F-105D	FAIRCHILD HILLER	THUNDERCHIEF	1 J75-P-19W	AF	UPGRADED F-105B WITH WATER INJECTION ENGINE AND ADVANCED ELECTRONICS. SUPERSONIC ALL-WEATHER WEAPONS DELIVERY CAPABILITY (1 CREW).
F-105F	FAIRCHILD HILLER	THUNDERCHIEF	1 J75-P-19W	AF	TWO-PLACE VERSION OF F-105D.
F- 105G	FAIRCHILD HILLER	THUNDERCHIEF	1 J75-P-19W	AF	UPGRADED F-105F.
F-106A	GENERAL DYNAMICS	DELTA DART	1 J75-P-17	AF	DELTA WING FIGHTER SIMILAR TO F-102A. HAS DIFFERENT ENGINE, TAIL, FUSELAGE FUEL TANK, ARMAMENT AND ELECTRONIC EQUIPMENT (1 CREW) .



FIGHTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
QF-106A	GENERAL DYNAMICS	DELTA DART	1 J75-P-17	AF	MODIFIED F-106A EQUIPPED WITH REMOTE CONTROL AND USED AS A HIGH PERFORMANCE THREAT TARGET.
YQF-106A	SPERRY CORP	DELTA DART	1 J-75-17	AF	PROTOTYPE QF-106A TARGET.
F-106B	GENERAL DYNAMICS	DELTA DART	1 J75-P-17	AF	UPGRADED F-106A (2 CREW).
QF-106B	GENERAL DYNAMICS	DELTA DART	1 J75-P-17	AF	MODIFIED F-106B EQUIPPED WITH REMOTE CONTROL AND USED AS A HIGH PERFORMANCE THREAT TARGET.
YQF-106B	SPERRY CORP	DELTA DART	1 J-75-17	AF	PROTOTYPE QF-106B TARGET.
F-111A	GENERAL DYNAMICS	NONE	2 TF30-P-1/-3	AF	ALL-WEATHER, TACTICAL FIGHTER WITH VARIABLE SWEEP WING, CREW CAPSULE (2 CREW).
EF-111A	GENERAL DYNAMICS GRUMMAN	RAVEN	2 TF30-P-109	AF	F-111 EXTENSIVELY MODIFIED AND EQUIPPED WITH ADVANCED ELECTRONIC DETECTION, JAMMING, AND COUNTERMEASURES EQUIPMENT. PERFORMS ESCORT DEFENSE SUPPRESSION FOR TACTICAL ATTACK FORCES.
NF-111A	GENERAL DYNAMICS	NONE	2 TF30-P-1/-3	AF	TESTBED AIRCRAFT WITH UNIQUE WINGS USED TO STUDY FUEL ECONOMY AND MANEUVERABILITY.
F-111C	GENERAL DYNAMICS	NONE	2 TF30-P-3	RAAF	A COMBINATION OF THE USAF F-111A FIGHTER AND PROPOSED BOMBER VERSION USED FOR GROUND STRIKE BY THE AUSTRALIAN GOVERNMENT.
F-111D	GENERAL DYNAMICS	NONE	2 TF30-P-3	AF	UPGRADED F-111A.

FIGHTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
F-111E	GENERAL DYNAMICS	NONE	2 TF30-P-3/-9	AF	F-111A WITH MODIFIED AIR INLETS.
F-117	GENERAL DYNAMICS	NONE	2 TF30-P-100	AF	UPGRADED F-111D WITH DIFFERENT ENGINE AND AVIONICS.
F-111G	GENERAL DYNAMICS	NONE	2 TF30-P-107	AF	FB-111A AIRCRAFT MODIFIED TO PERFORM TACTICAL MISSION REQUIREMENTS.
F-117A	LOCKHEED	NIGHTHAWK	2 F404-GE-F102	AF	SINGLE SEAT, DUAL ENGINE AIRCRAFT WITH LOW OBSERVABLE OR "STEALTH" CHARACTERISTICS.



GLIDER SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
TG-3A	SCHWEIZER	NONE		AF	NON-MOTORIZED GLIDER USED FOR TRAINING AT THE AIR FORCE ACADEMY .
TG-4A	SCHWEIZER	NONE		AF	NON-MOTORIZED GLIDER USED FOR TRAINING AT THE AIR FORCE ACADEMY.
TG-7A	SCHWEIZER	NONE	1 LYCOMING O-35	AF	MOTORIZED GLIDER USED FOR CADET TRAINING.
RG-8A	SCHWEIZER	NONE	1 LYCOMING O-35	ARMY	MOTORIZED GLIDER.
TG-9A	SCLEICHER	NONE		AF	TANDEM TWO-SEAT COMPETITION AND TRAINING SAILPLANE.
TG-10A	LET FLUGZEUGWERKE	NONE		AF	NON-MOTORIZED GLIDER USED FOR TRAINING AT THE AIR FORCE ACADEMY.
TG-11 A	STEMME GMBH & CO	NONE	1 LIMBACH L2400	AF	MOTORIZED GLIDER USED FOR TRAINING AT THE AIR FORCE ACADEMY.

HELICOPTER SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
AH-1 E	BELL	HUEY/COBRA	1 T53-L703	ARMY	AH-1 S WITH ENHANCED ARMAMENT SYSTEM.
UH-1 E	BELL	IROQUOIS	1 T53-L-11/THRU-11D LYCOMING	NAVY	UPGRADED UH- 10.
NUH-1 E	BELL	IROQUOIS,	1 T53-L-11/THRU-11 D LYCOMING	NAVY	UH-1 E CONFIGURE FOR PERMANENT TEST.
AH-1 F	BELL	COBRA/TOW	1 T53-L703	ARMY	AH-1 S WITH MODERNIZED SOFTWARE AND HARDWARE.
TH-1 F	BELL	IROQUOIS	1 T58-GE-3	AF	UH-1 F MODIFIED FOR INSTRUMENT AND HOIST TRAINING.
UH-1 F	BELL	IROQUOIS	1 T58-GE-3	AF	AF VERSION OF UH-1 E WITH MODIFIED TAIL BOOM AND SKID LANDING GEAR. LOGISTICS SUPPORT TO SAC ICBM UNITS (1 CREW, 10 PASSENGERS).
AH-1 G	BELL	COBRA	1 T53-L-13/-13A/ -136 LYCOMING	ARMY/ NAVY	ATTACK HELICOPTER WITH 540 ROTOR SYSTEM, REDUCED CABIN FRONTAL AREA CHIN-MOUNTED GUN TURRET, AND EXTERNAL ARMAMENT ,
TH-1 G	BELL	COBRA	1 T53-L-13 LYCOMING	ARMY	AH-1 G MODIFIED FOR TRAINING.
EH-1 H	BELL	IROQUOIS	1 T53-L-13	ARMY	UH-1 H MODIFIED FOR ELECTRONIC COUNTERMEASURES. ARMY SECURITY AGENCY EW EQUIPMENT.
HH-1 H	BELL	IROQUOIS	1 T53-L-13B	AF	UH-1 H MODIFIED FOR LOCAL BASE RESCUE.
UH-1 H	BELL	IROQUOIS	1 T53-L-13	ARMY/NAVY	UTILITY/TRANSPORT WITH ONE 2-BLADE MAIN ROTOR AND ONE 2-BLADE TAIL ROTOR (1 CREW, 11 PassengerS).







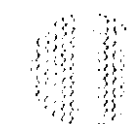
HELICOPTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
AH-1J	BELL	SEA COBRA	1 T4000-CP-400	NAVY	UPGRADED AH-1 G WITH MARINE CORPS AVIONICS, ROTOR BRAKE, AND NEW ARMAMENT SYSTEM.
HH-1 K	BELL	IROQUOIS	1 T53-L-13/-13A/-13B	NAVY	UPGRADED UH-1 E WITH INTERNATIONAL ORANGE PAINT.
TH-1 L	BELL	IROQUOIS	1 T53-L-13/-13 A/-13B	NAVY	UH-1 E MODIFIED FOR TRAINING.
UH-1 L	BELL	IROQUOIS	1 T53-L-13/-13A/13B	NAVY	UPGRADED UH-1 E. ARMOR AND ARMAMENT DELETED.
HH-1 N	BELL	IROQUOIS	1 T400-CP-400	NAVY	UH-1 N MODIFIED FOR SEARCH AND RESCUE, WITH PROTECTIVE WEAPON FIRE CAPABILITY REMOVED.
UH-1 N	BELL	IROQUOIS	1 *T400-CP-400 *TWO POWER SECTIONS	NAVY	UH-1 H RECONFIGURE TO TRANSPORT SPECIAL TEAMS AND EQUIPMENT TO FORWARD AREA MEDICAL INSTALLATIONS. CAPABLE OF SELF-DEFENSE IN A HOSTILE ENVIRONMENT. ALSO STAFF TRANSPORT VERSION (2 CREW, 7 PASSENGERS).
NUH-1 N	BELL	IROQUOIS	1 *T400-CP-400 *TWO POWER SECTIONS	NAVY	NUH-1 N UNIQUELY CONFIGURED FOR TEST AND EVALUATION.
AH-1 P	BELL	COBRA/TOW	1 T53-L703	ARMY	AH-15 WITH REDUCED GLINT CANOPY, NIGHT VISION GOGGLE COCKPIT, RADAR WARNING SYSTEM.
UH-1 P	BELL	IROQUOIS	1 T58-GE-3	AF	UPGRADED UH-1 F MODIFIED TO PERFORM CLASSIFIED MISSIONS.
AH-1 S	BELL	HUEY/COBRA	1 T53-L-703 LYCOMING	ARMY	UPGRADED AH-1 G MODIFIED TO FIRE TOW MISSILES.

HELICOPTER SERIES (CONTINUED)

MOS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
TH-1 S	BELL	COBRA/TOW	1 T53-L-703	ARMY	AH-1 S MODIFIED FOR TRAINING.
TAH-1 S	BELL	COBRA/TOW	1 T53-L-703	ARMY	AH-1 S MODIFIED FOR TRAINING AH-64 FLIGHT CREWS.
AH-1T	BELL	SEA COBRA	2 T400-WV-402	NAVY	MODIFIED AH-1 J MODEL WITH TWIN PACK ENGINE, EXTENDED FUSELAGE AND PROVISIONS FOR TOW MISSILES.
JAH-1 T	BELL	SEA COBRA	2 T400-WV-402	NAVY	AH-1T CONFIGURED FOR TEMPORARY TESTING.
EH-1 U	BELL	IROQUOIS	1 T53-L-13	ARMY	UPGRADED UH-1 H WITH MODIFIED CARGO BAY (QUICK FIX).
UH-1V	BELL	IROQUOIS	1 T53-L-13	ARMY	UPGRADED UH-1 H MODIFIED WITH SPECIAL AVIONICS FOR MEDICAL EVACUATION MISSION.
AH-1W	BELL	SEA COBRA	2 T700-GE-401	NAVY	TWO-PLACE ASSAULT-TYPE HELICOPTER.
EH-1X	BELL	IROQUOIS	1 T53-L-13	ARMY	SIMILAR TO UH-1 H EXCEPT FOR DIFFERENT ELECTRICAL SYSTEM, MODIFIED CARGO, AND SPECIAL EW & ECM EQUIPMENT. CREW: PILOT, COPILOT, AND 2 OPERATORS.
UH-2C	KAMAN	SEASPRITE	2 T58-GE-8B/-8F	NAVY	TRANSPORT WITH ONE MAIN ROTOR. AND 4-BLADE TAIL ROTOR,
HH-2D	KAMAN	SEASPRITE	2 T58-GE-8B/-8F	NAVY	UPGRADED UH-2C. ALSO NHH-2D.
SH-2D	KAMAN	SEASPRITE	2 T58-GE-8B/	NAVY	UPGRADED HH-2D MODIFIED TO INTERIM (LAMPS) CONFIGURATION FOR ASW AND ASMO MISSIONS.
YSH-2E	KAMAN	SEASPRITE	2 T58-GE-8B/-8F	NAVY	HH-2D MODIFIED TO ADVANCED LAMPS CONFIGURATION.



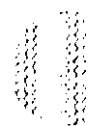


HELICOPTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
SH-2F	KAMAN	SEASPRITE	2 T58-8F	NAVY	SH-2D HELICOPTER WITH HIGH-STRENGTH LANDING GEAR, DOPPLER RESISTOR, TORPEDO SOL ENOID, AND ( LN66) RADAR IMPROVEMENTS.
SH-2G	KAMAN	SEASPRITE	2 T700-GE-401	NAVY	PRODUCTION VERSION OF YSH-2G WITH FULL MISSION AVIONICS SUITE INSTALLED.
YSH-2G	KAMAN	SEASPRITE	2 T700-GE-401	NAVY	PROTOTYPE UPGRADE OF SH-2F.
HH-3A	SI KORSKY	SEA KING	2 T58-GE-8F	NAVY	SH-3A WITH ARMOR, 7.62 MM MINI GUN, DECK-EDGE REFUELING CAPABILITY , EXTERNAL FUEL TANKS. SONAR EQUIPMENT REMOVED.
SH-3A	SI KORSKY	SEA KING	2 T58-GE-8B	NAVY	ONE 5-BLADE MAIN ROTOR AND ONE 5-BLADE TAIL ROTOR, RETRACTABLE MAIN GEAR AND AMPHIBIOUS HULL. ALL-WEATHER ASW (4 CREW) . ALSO STAFF TRANSPORT VERSION.
UH-3A	SI KORSKY	SEA KING	2 T58-GE-8B	NAVY	RH-3A MODIFIED FOR ORONE TARGET RECOVERY, TORPEDO LAUNCH/RECOVERY, LOGISTICS SUPPORT, RANGE SURVEILLANCE, AND SEARCH AND RESCUE.
NSH-3A	SI KORSKY	SEA KING	2 T58-GE-8B	NAVY	SH-3A CONFIGURED FOR PERMANENT TEST.
NVH-3A	SI KORSKY	SEA KING	2 T58-GE-8F	NAVY	VH-3A MODIFIED TO BE COMMON AVIONICS INTEGRATION TESTBED AIRCRAFT FOR ALL STAFF HELICOPTERS.
CH-3B	SI KORSKY	SEA KING	2 T58-GE-8B	NAVY	ONE MAIN ANTI-TORQUE ROTOR. LAND OR WATER OPERATIONS FOR LOGISTICS SUPPORT, ORONE RECOVERY AND AIRLIFT OPERATIONS. ASW EQUIPMENT REMOVED (3 CREW, 25 PASSENGERS).
SH-3D	SI KORSKY	SEA KING	2 T58-GE-10	NAVY	UPGRADED SH-3A WITH INTERNALLY MOUNTED FUEL TANK. CRUISE GUIDE SYSTEM. ALSO STAFF TRANSPORT VERSION.

HELICOPTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
CH-3E	SIKORSKY	SEA KING	2 T58-GE-5	AF	UPGRADED CH-3B WITH REAR LOADING RAMP.
HH-3E	SIKORSKY	JOLLY GREEN GIANT	2 T58-GE-5	AF	UPGRADED CH-3B WITH ARMOR AND EQUIPMENT FOR AIRCREW RECOVERY IN COMBAT AREAS. EQUIPPED FOR MID-AIR REFUELING.
HH-3F	SIKORSKY	SEA KING,	2 T58-GE-8B/-8F	CG	MODIFIED VERSION OF AF CH-3E.
SH-3G	SIKORSKY	SEA KING	2 T58-GE-8B/-8F	NAVY	SH-3A RECONFIGURED FOR ASW/LOGISTICS SUPPORT MISSIONS.
SH-3H	SIKORSKY	SEA KING	2 T58-GE-10	NAVY	SH-3G MODIFIED TO IMPROVE ASW PERFORMANCE AND ADD ASMD (ANTI-SHIP MISSILE DEFENSE) CAPABILITY.
UH-3H	SIKORSKY	SEA KING	2 T58-GE-TURBINE	NAVY	MODIFIED SH-3H PREVIOUSLY USED FOR ANTI-SUBMARINE WARFARE (ASW). DURING SH-3H SLEP, ALL ASW EQUIPMENT WILL BE REMOVED TO RECONFIGURE TO SEARCH AND RESCUE/UTILITY ROLE.
YSH-3J	SIKORSKY	SEA KING	2 T58-GE-10	NAVY	SH-3H MODIFIED AS TEST BED FOR LAMPS MARK III (4 CREW).
OH-6A	HUGHES	CAYUSE	1 T63-A-5A/700	ARMY	LIGHT OBSERVATION HELICOPTER WITH 4-BLADE ROTOR. USED FOR RECONNAISSANCE, TARGET ACQUISITION, COMMAND/CONTROL.
CH-46A	VERTOL	SEA KNIGHT	2 T58-GE-8B/-8F	NAVY	MARINE CORPS TROOP/CARGO TRANSPORT. TANDDEM 3-BLADE ROTORS (3 CREW, 17 TROOPS, OR 15 LITTERS).
HH-46A	VERTOL	SEA KNIGHT	2 T58-GE-8B/-8F	NAVY	CH-6A AND UH-46A MODIFIED WITH AN/APN-182 DOPPLER RADAR, EXTERNAL PERSONNEL RESCUE HOIST, AND CRASH RESISTANT FUEL SYSTEM.
UH-46A	VERTOL	SEA KNIGHT	2 T58-GE-8B/-8F	NAVY	CH-46A MODIFIED FOR NAVY VERTICAL REPLENISHMENT PROGRAM.

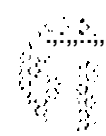


HELICOPTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
NCH-46A	VERTOL	SEA KNIGHT	2 T58-GE-8B/-8F	NAVY	CH-46A CONFIGURED FOR PERMANENT TEST.
CH-46D	VERTOL	SEA KNIGHT	2 T58-GE-10	NAVY	UPGRADED CH-46A.
UH-46D	VERTOL	SEA KNIGHT	2 T58-GE-10	NAVY	UPGRADED UH-46A.
CH-46E	VERTOL	SEA KNIGHT	2 T58-GE-16	NAVY	UPGRADED CH-46D WITH INFRARED SUPPRESSION DEVICES FOR EXHAUST SYSTEM.
CH-46F	VERTOL	SEA KNIGHT	2 T58-GE-10	NAVY	UPGRADED CH-46D.
CH-47D	VERTOL	CHINOOK	2 T55-L-712 P&W	ARMY	UPGRADED CH-47A/B/C MODELS. TANDEM ROTOR TRANSPORT FOR CARGO, TROOPS, AND WEAPONS DURING DAY/NIGHT/VISUAL/INSTRUMENT CONDITIONS. ALL WEATHER FLIGHT CAPABLE, QUADRICYCLE GEAR, REAR LOADING (3 CREW, 33 PASSENGERS).
MH-47D	BOEING	CHINOOK	2 LYCOMING T55-L-712	ARMY	CH-47D MODIFIED WITH ADDITIONAL AVIONICS, PRECISION NAVIGATION SYSTEM, FLIR, AIR-TO-AIR REFUELING SYSTEM, LARGER FUEL TANKS, AND MODIFIED COCKPIT.
MH-47E	VERTOL	CHINOOK	2 T55-L-714	ARMY	CH-47D MODIFIED WITH ADDITIONAL AVIONICS, NAVIGATION SYSTEMS, AND AIRCRAFT SURVIVABILITY EQUIPMENT.
HH-52A	SIKORSKY	NONE	1 T58-GE-8B	CG	AMPHIBIOUS SEARCH/RESCUE TRANSPORT (3 CREW).
CH-53A	SIKORSKY	SEA STALLION	2 T64-GE-6B	NAVY	CARGO/TROOP TRANSPORT USED FOR AMPHIBIOUS ASSAULT AND SHORE OPERATIONS WITH 6-BLADE MAIN ROTOR (3 CREW).
TH-53A	SIKORSKY	NONE	2 T64-GE-7A	AF	H-53 MODIFIED TO CONDUCT BASIC AND INITIAL QUALIFICATION TRAINING FOR THE AIR FORCE.

HELICOPTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
NCH-53A	SI KORSKY	NONE	2 T64-GE-6B	AF	<b>CH-53A</b> PERMANENTLY <b>MODIFIED</b> FOR SPECIAL TEST.
HH-53B	SI KORSKY	SUPER JOLLY	2 <b>T64-GE-13</b>	AF	<b>CH-53A</b> RECONFIGURED FOR COMBAT <b>ARRS</b> . <b>ARMED</b> WITH 3 <b>7.62MM</b> M I NIGUNS. AIR REFUELING CAPABILITY (6 CREW).
<b>CH-53C</b>	SI KORSKY	SUPER JOLLY	2 <b>T64-GE-7</b>	AF	<b>HH-53B</b> MODIFIED TO CARGO CONFIGURATION.
<b>HH-53C</b>	SI KORSKY	SUPER JOLLY	2 <b>T64-GE-7</b>	AF	UPGRADEO HH-53B.
<b>CH-53D</b>	SI KORSKY	SEA STALLION	2 <b>T64-GE-413</b>	NAVY	UPGRADED <b>CH-53A</b> .
<b>RH-53D</b>	SI KORSKY	SEA STALLION	2 <b>T64-GE-415A</b>	NAVY	<b>CH-53D</b> WITH EXTERNAL FUEL TANKS AND <b>AMCM</b> EQUIPMENT.
<b>NRH-53D</b>	S1 KORSKY AIRCRAFT	SEA STALLION	2 <b>T64-GE-415</b>	NAVY	MODIFIED <b>RH-53D</b> WITH DOPPLER RADAR, UNIQUE FLIGHT CONTROL SYSTEM, UNIQUE COCKPIT CONFIGURATION USED TO OEVELOP MINE COUNTERMEASURES SYSTEMS.
<b>CH-53E</b>	SI KORSKY	SUPER STALLION	3 <b>T64-GE-416</b>	NAVY	MARINE AMPHIBIOUS ASSAULT TRANSPORT FOR SHIP TO SHORE <b>LOGISTICS</b> SUPPORT.
<b>MH-53E</b>	SI KORSKY	NONE	3 T64-GE-416	NAVY	<b>CH-53E</b> MODIFIED WITH LARGER FUEL TANKS AND AIRBORNE MINE COUNTERMEASURES ( <b>AMCM</b> ) EQUIPMENT.
<b>JCH-53E</b>	SI KORSKY	SUPER STALLION	3 <b>T64-GE-416</b>	NAVY	<b>CH-53E</b> CONFIGURED FOR TEMPORARY TESTING .
<b>NMH-53E</b>	SI KORSKY	NONE	3 <b>T64-GE-416</b>	NAVY	<b>YCH-53E</b> MODIFIED WITH <b>AMCM</b> EQUIPMENT AND FUEL TANKS FOR PERMANENT TESTING.
<b>YCH-53E</b>	SI KORSKY	SUPER STALLION	3 <b>T46-GE-416</b>	NAVY	PROTOTYPE <b>CH-53E</b> .

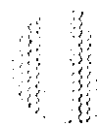


HELICOPTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
HH-53H	S1 KORSKY	NONE	2 T64-GE-415	AF	MODIFIED HH-53C WITH PAVE LW III.
MH-53H	SI KORSKY	NONE	2 T64-GE-415	AF	MULTIPLE MISSION HH-53H WITH PAVE LW 111 MODIFICATIONS.
YHH-53H	SI KORSKY	NONE	2 T64-GE-415	AF	PROTOTYPE HH-53H.
MH-53J	S1 KORSKY	NONE	2 T64-GE-415	AF	MODIFIED HH-53C TO INCLUDE ENHANCED PAVE LOW 111 AND OTHER MODIFICATIONS - MULTIPLE MISSIONS.
CH-54A	SI KORSKY	TARHE	2 J FTD-1 2A-4A P&W	ARMY	SI KORSKY MODEL S-64A WITH 20,000 POUND LIFT CAPACITY. 1 MAIN LIFTING ROTOR, 1 ANTI-TORQUE TAIL ROTOR, TRICYCLE LANDING GEAR. LIMITED FLIGHT CONTROLS FOR AFT-FACING PILOT DURING WINCH OPERATIONS. SINGLE POINT HOSTING SYSTEM.
CH-54B	SI KORSKY	TARHE	2 J FTD-1 2A-56 P&W	ARMY	UPGRADED CH-54A WITH 25,000 POUND LIFT CAPACITY.
TH-55A	HUGHES	OSAGE	1 H10-360-B1A LYCOMING	ARMY	VFR FLIGHT TRAINING. SINGLE ARTICULATED ROTOR (2 CREW).
TH-57A	BELL	SEA RANGER	1 250-C18 ALLISON	NAVY	TRAINER VERSION OF BELL CO MODEL 206A. SINGLE BLADE MAIN ROTOR, SKID-TYPE GEAR, DUAL FLIGHT CONTROLS (5 SEATS).
TH-57B	BELL	SEA RANGER	1 250-C20J ALLISON	NAVY	UPGRADED TH-57A WITH MORE POWERFUL ENGINE AND NEW AVIONICS.
TH-57C	BELL	SEA RANGER	1 250-C20J ALLISON	NAVY	UPGRADED TH-57B WITH DUAL PILOT IFR AVIONICS, 3-AXIS STABILITY AUGMENTATION SYSTEM, AND GREATER FUEL CAPACITY.
OH-58A	BELL	KIOWA	1 T63-A-5A	ARMY/NAVY	SINGLE ROTOR, LIGHT OBSERVATION VEHICLE WITH PROVISIONS FOR XM-27E1 ARMAMENT SYSTEM AND PASSIVE DEFENSE (2 CREW, 2 PASSENGERS, OR 40 LBS CARGO).

HELICOPTER SERIES (CONTINUED)

MOS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
OH-58c	BELL	KIOWA	1 T63-A-720 ALLISON	ARMY	UPGRADED OH-58A.
OH-58D	BELL	KIOWA WARRIOR	1 T703-AD-700 ALLISON	ARMY	UPGRADED OH-58C. ARMY HELICOPTER IMPROVEMENT PROGRAM/NEAR TERM SCOUT HELICOPTER (AH IP/NTSH) WITH A MAST MOUNTED SIGHT (MMS).
EH-60A	SIKORSKY	BLACK HAWK	2 T-700-GE-700	ARMY	UH-60A WITH THE ELECTRICAL SYSTEM AND CARGO AREA MODIFIED TO PROVIDE POWER AND SPACE FOR INSTALLATION OF SPECIAL ELECTRONIC MISSION EQUIPMENT AND TWO MISSION SYSTEM OPERATORS.
HH-60A	S1 KORSKY	NIGHT HAWK	2 T-700-GE-700	AF	UH-60 CONFIGURE WITH NIGHT OPERATIONS AVIONICS, EXTENDED RANGE, AND UNIQUE COMBAT RESCUE EQUIPMENT.
MH-60A	SIKORSKY	BLACK HAWK	2 GE T700/701C	ARMY	UH-60A MODIFIED WITH ADDITIONAL AVIONICS, PRECISION NAVIGATION SYSTEM, FLIR, AIR-TO-AIR REFUELING SYSTEM, LARGER FUEL TANKS, AND MODIFIED COCKPIT.
UH-60A	SIKORSKY	BLACK HAWK	2 T-700-GE-700	AF/ARMY	FULLY ARTICULATE, SINGLE ROTOR, UTILITY/TACTICAL TRANSPORT WITH 2 MAIN WHEELS, 1 TAIL WHEEL (3 CREW, 11 COMBAT TROOPS).
SH-60B	S1 KORSKY	SEA HAWK	2 T700-GE-401	NAVY	UH-60A CONFIGURE FOR NAVY USE WITH DIFFERENT AVIONICS AND LAMPS MKIII SYSTEM.
NSH-60B	S1 KORSKY	SEA HAWK	2 T700-GE-401	NAVY	SH-60B CONFIGURED FOR PERMANENT TEST.
YEH-60B	S1 KORSKY	BLACK HAWK	2 GE T-700	ARMY	UH-60A MODIFIED FOR RADAR INSTALLATION AND SPECIAL AVIONICS. PROTOTYPE FOR STANDOFF TARGET ACQUISITION SYSTEM.





HELICOPTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
YSH-60B	S1 KORSKY	SEA HAWK	2 T700-GE-401	NAVY	SH-60B AIRCRAFT WITH UNIQUE CONFIGURATION. REQUIRES MORE MANPOWER AND SPECIAL PARTS.
EH-60C	S1 KORSKY	BLACK HAWK	2 GE T-700	ARMY	UH-60A MODIFIED WITH SPECIAL ELECTRONIC EQUIPMENT AND EXTERNAL ANTENNA (QUICK FIX).
UH-60C	SI KORSKY	BLACK HAWK	2 T700-GE-700	ARMY	UH-60A AIRCRAFT MODIFIED/EQUIPPED WITH SYSTEMS FOR COMMAND AND CONTROL (C2) MISSION.
HH-60D	S1 KORSKY	NIGHT HAWK	2 T700-GE-401	AF	UH-60A CONFIGURED FOR AF USE WITH AVIONICS FOR NIGHT/ADVERSE WEATHER OPERATIONS, EXTENDED RANGE, AND UNIQUE COMBAT RESCUE EQUIPMENT.
VH-60D	S1 KORSKY	NIGHT HAWK	2 T700-GE-401	MARINE	MODIFIED HH-60D USED TO TRANSPORT THE PRESIDENT, VICE PRESIDENT, AND WHITE HOUSE STAFF.
HH-60E	SI KORSKY	NIGHT HAWK	2 T700-GE-701	AF	HH-60D WITHOUT NIGHT/ADVERSE WEATHER AVIONICS.
SH-60F	SI KORSKY	SEA HAWK	2 T700-GE-401	NAVY	MODIFIED SH-60B WITH DIPPING SONAR AND RECONFIGURED AVIONICS.
HH-60G	SI KORSKY	PAVE HAWK	2 T700-GE-700/701	AF	DERIVATIVE UH-60A FOR USE IN COMBAT SEARCH AND RESCUE OPERATIONS. INCLUDES INFLIGHT REFUELING CAPABILITY, RANGE EXTENSION TANKS WEATHER RADAR, SATCOM, EXTERNAL HOIST, AND OTHER IMPROVED EQUIPMENT.
MH-60G	SI KORSKY	PAVE HAWK	2 T700-GE-700/701	AF	MODIFIED UH-60A INCLUDING INFLIGHT REFUELING CAPABILITY, RANGE EXTENSION TANK, MAP DISPLAY, WEATHER RADAR, FLIR, AND OTHER IMPROVED EQUIPMENT. MULTI-USE HELICOPTER FOR SPECIAL OPERATIONS FORCES (SOF) MISSIONS.

HELICOPTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
HH-60H	SI KORSKY	SEA HAWK	2 T700-GE-401	NAVY	MODIFIED SH-60F EQUIPPED WITH DEFENSIVE AND OFFENSIVE WEAPONRY.
HH-6DJ	S1 KORSKY	SEA HAWK	2 T700-GE-401	NAVY	MODIFIED SH-60F, SINGLE MAIN AND TAIL ROTOR CLASS II HELICOPTER.
MH-60K	SI KORSKY	BLACK HAWK	2 TBD	ARMY	UH-60A WITH MODIFIED COCKPIT TO INCLUDE HUMAN ENGINEERING TO REDUCE PILOT WORKLOAD, ADDITIONAL AVIONICS, NAVIGATION, AND AIRCRAFT SURVIVABILITY EQUIPMENT.
MH-60L	SI KORSKY	BLACK HAWK	2 T700-GE-701 C	ARMY	UH-60L WITH VARIOUS MODS TO INCLUDE UPDATED COCKPIT, ADDITIONAL AVIONICS, PRECISION NAV SYS, FLIR, AIRCRAFT SURVIVABILITY EQUIPMENT, EXTERNAL TANK SYSTEM. PROVIDE MEDIUM & UTILITY HELICOPTER SUPPORT TO SOF UNIQUE MISSIONS.
UH-60L	SI KORSKY	BLACK HAWK	2 T-700 -GE-701C	ARMY	UH-60A MOD I FIEO WITH UPGRADED ENGINES USED TO CONDUCT WORLDWIDE UTILITY TACTICAL TRANSPORT FOR THE ARMY.
UH-60M	SI KORSKY	BLACK HAWK	2 T-700-GE-701 c	ARMY	UH-60L MODIFIED WITH COMPOSITE ROTOR SYSTEM, ENLARGED INTERNAL FUEL TANKS, LARGER LOWER COCKPIT CONSOLE, ON-BOARD ROTOR TRACK AND BALANCE SYSTEM, DIGITAL AUTOMATIC FLIGHT CONTROL SYSTEM, AND A 12-INCH LONGER FORWARD CABIN.
VH-60N	SI KORSKY	NIGHT HAWK	2 T700-GE-401	USMC	MODIFIED HH-60D USED TO TRANSPORT THE PRESIDENT, VICE PRESIDENT, AND WHITE HOUSE STAFF.
UH-60P	SI KORSKY	BLACK HAWK	2 T700-GE-701 C	ROK	SIMILAR TO THE UH-60L CONFIGURE FOR REPUBLIC OF KOREA USE.





HELICOPTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
UH-60Q	SIKORSKY	BLACK HAWK	2 T700-GE-700	ARMY	UH-60A MODIFIED FOR MEDICAL EVACUATION,
SH-60R	SIKORSKY	SEAHAWK	2 T700-GE-401C	NAVY	MODIFIED SH-60B WITH IMPROVED RADAR SYSTEM, ELECTRONIC SUPPORT SYSTEM, CONTROL DISPLAY, AND AIRBORNE FREQUENCY SONAR SUBSYSTEMS.
AH-64A	HUGHES	APACHE	2 T700-GE-700	ARMY	ATTACK HELICOPTER WITH 4-BLADE ARTICULATED MAIN ROTOR, 4-BLADE TAIL ROTOR AND 3-POINT LANDING GEAR. CARRIES HELLFIRE MISSILE SYSTEM AND 30MM CANNON. STANDOFF DAY/NIGHT/ADVERSE WEATHER CAPABILITY.
YAH-64A	HUGHES	APACHE	2 T700-GE-700	ARMY	PROTOTYPE AH-64A.
AH-646	HUGHES	APACHE	2 GE T-701	ARMY	MODIFIED AH-64A WITH EXPANDED AVIONICS. CARRIES STINGER MISSILE. (CANCELLED 23 JUN 92).
AH-640	MCDONNELL DOUGLAS HELICOPTER SYS	APACHE	2 T700-GE-701 /701C	ARMY	MODIFIED AH-64A WITH MISSION EQUIPMENT PACKAGE AND COCKPIT ENHANCEMENTS. THE -701C ENGINES ARE USED WHEN CONFIGURED WITH THE FIRE CONTROL RADAR MISSION KIT.
HH-65A	AEROSPACE HELICOPTER CORP	DOLPHIN	2 LTS-101 -750	CG	
RAH-66A	SIKORSKY	COMANCHE	2 T800 TURBINE	ARMY	LIGHTWEIGHT, TWIN ENGINE ADVANCED TECHNOLOGY ATTACK AND ARMED RECONNAISSANCE HELICOPTER.
YTH-67A	BELL HELICOPTER TEXTRON, INC.	CREEK	1 250-C20JN	ARMY	PRODUCTION YTH-67A.

HELICOPTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
YTH-67A	TBD	CREEK	TBD	ARMY	PROTOTYPE INITIAL ENTRY-LEVEL ROTARY WING AIRCRAFT FOR TRAINING ARMY FLIGHT PERSONNEL.



OBSERVATION SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
0-1A	TBD	NONE		AF	
0-2A	CESSNA	NONE	2 10-360-CI-D	AF	HIGH-WING MONOPLANE WITH TWIN TAIL BOOMS, AFT PUSHER AND FORWARD PULLER ENGINES AND RETRACTABLE LANDING GEAR. USED FOR FORWARD AIR CONTROL MISSION (2 CREW).
0-2B	CESSNA	NONE	2 10-360 -C/-D	AF	UPGRADED 0-2A WITH LARGE CARGO DOOR, SPEAKER/AMPLIFIER SYSTEM, AND LEAFLET DISPENSER.
0-5A	DEHAVILLAND	NONE	4 PT-106 TURBOPROP	ARMY	PERFORMS DAY AND NIGHT AIRBORNE OBSERVATION/ RECONNAISSANCE .
EO-5B	DEHAVILLAND	NONE	4 PT-106 TURBOPROP	ARMY	NEAR ALL-WEATHER, LOW SPEED TURBOPROP AIRCRAFT WITH EXTENDED RANGE CAPABILITY AND SIGINT MISSION EQUIPMENT.

PATROL SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
DP-2E	LOCKHEED	NEPTUNE	4 R-3350 -36W/32W J-34 -WE-34/-34A	NAVY	LONG RANGE, ALL-WEATHER, LAND BASED AIRCRAFT EQUIPPED FOR ASW. HAMILTON STANDARD PROPELLERS (9 CREW).
DP-2H	LOCKHEED	NEPTUNE	4 R-3350 -32WA J34-WE-36A	NAVY	EP-2H MODIFIED FOR CONTROLLING ORONE AIRCRAFT.
EP-2H	LOCKHEED	NEPTUNE	4 R-3350 -32WA J34-WE-36A	NAVY	P-2E WITH ASW EQUIPMENT REMOVED AND UHF TELEMETRY INSTALLED FOR DATA RELAY MISSION (9 CREW).
NP-2H	LOCKHEED	NEPTUNE	4 R-3350 -32WA J34-WE-36A	NAVY	P-2H CONFIGURED FOR PERMANENT TEST.
SP-2H	LOCKHEED	NEPTUNE	4 R-3350 -32WA J34-WE-36/-36A	NAVY	EP-2H WITHOUT TELEMETRY EQUIPMENT AND MODIFIED TO JULIE/JEZEBEL CONFIGURATION.
P-3A	LOCKHEED	ORION	4 T56-A-10W	NAVY	ASW PATROL AIRCRAFT. MILITARY VERSION OF LOCKHEED "ELECTRA," ALSO STAFF TRANSPORT VERSION (10 CREW).
EP-3A	LOCKHEED	ORION	4 T56-A-10W	NAVY	P-3A MODIFIED FOR ELECTRONIC RECONNAISSANCE.
NP-3A	LOCKHEED	ORION	4 T56-A-10W	NAVY	TESTBED P-3A WITHOUT ASW SYSTEMS.
RP-3A	LOCKHEED	ORION	4 T56-A-10W	NAVY	P-3A MODIFIED FOR TEST AND EVALUATION PROGRAMS AND OCEANOGRAPHIC RESEARCH PROJECTS.
TP-3A	LOCKHEED	ORION	4 T56-A-10W	NAVY	MODIFIED P-3A TO PROVIDE P-3C PILOT/FLIGHT ENGINEER TRAINING.
UP-3A	LOCKHEED	ORION	4 T56-A-10W	NAVY	P-3 STRIPED ALL ANTI-SUBMARINE WARFARE EQUIPMENT. USED FOR LIGHT UTILITY PURPOSES.



PATROL SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
WP-3A	LOCKHEED	ORION	4 T56-A-10W	NAVY	P-3A MODIFIED FOR WEATHER RECONNAISSANCE MISSIONS.
NUP-3A	LOCKHEED	ORION	4 T56-A-14	NAVY	UP-3A CONFIGURED FOR PERMANENT TEST .
P-3B	LOCKHEED	ORION	4 T56-A-14	NAVY	UPGRADED P-3A.
EP-3B	LOCKHEED	ORION	3 T56-A-14	NAVY	P-3B MODIFIED FOR ELECTRONIC RECONNAISSANCE.
UP-3B	LOCKHEED	ORION	4 T56-A-14	NAVY	P-3B MODIFIED BY REMOVING ANTI-SUBMARINE WARFARE AVIONICS GEAR. USED IN UTILITY ROLE TO INCLUDE PILOT TRAINING AND LOGISTIC/CARGO MISSIONS.
P-3C	LOCKHEED	ORION	4 T56-A-14	NAVY	PRODUCTION VERSION OF YP-3C.
NP-3C	LOCKHEED	ORION	4 T56-A-14	NAVY	P-3C CONFIGURED FOR PERMANENT TEST,
YP-3C	LOCKHEED	ORION	4 T56-A-14	NAVY	PROTOTYPE P-3C WITH A NEW INTEGRATED AVIONICS AND AUTOMATED STORES DISPENSING SYSTEM.
NP-3D	LOCKHEED	ORION	4 T56-A-14	NAVY	P-3 CONFIGURED FOR PERMANENT TEST .
RP-3D	LOCKHEED	ORION	4 T56-A-14	NAVY	P-3 CONFIGURED FOR PROJECT MAGNET.
EP-3J	LOCKHEED	ORION	4 T56-A-14	NAVY	MODIFIED EP-3B WITH ACTIVE JAMMING CAPABILITY.
P-7A	LOCKHEED	NONE	4 GE-38 TURBOPROP	NAVY	HIGHLY MODERNIZED P-3C WITH MAJOR IMPROVEMENTS IN AIRFRAME DESIGN, STRUCTURAL MATERIALS, PROPULSION SYSTEM, FLIGHT CONTROLS AND OTHER FUNCTIONAL SYSTEMS USED AS LONG RANGE AIR ANTI-SUBMARINE CAPABILITY AIRCRAFT ( LRAACA) .

RECONNAISSANCE SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
TR-1A	LOCKHEED	NONE	1 J75 P&W	AF	HIGH ALTITUDE STRATEGIC RECONNAISSANCE AIRCRAFT (1 CREW).
TR-1 B	LOCKHEED	NONE	1 J75 P&W	AF	TWO SEAT TRAINER VERSION OF TR-1A.
U-2C	LOCKHEED	NONE	1 J75 P&W	AF	HIGH ALTITUDE, LONG-RANGE, STRATEGIC RECONNAISSANCE AIRCRAFT. LONG, WIDE, STRAIGHT WINGS GIVE IT GLIDER LIKE CHARACTERISTICS.
TU-2C	LOCKHEED	NONE	1 J75 P&W	AF	TRAINER VERSION OF U-2C.
U-2R	LOCKHEED	NONE	1 J75 P&W	AF	IMPROVED U-2C.
U-2S	LOCKHEED	NONE	1 F118-GE-101 TURBOFAN	AF	MODIFIED U-2R WITH IMPROVED HIGHER PERFORMANCE ENGINE.
TU-2S	LOCKHEED	NONE	1 F118-GE-101	AF	MODIFIED TU-2R WITH IMPROVED HIGHER PERFORMANCE ENGINE.
SR-71A	LOCKHEED	NONE	2 J58	AF	LONG RANGE, ADVANCED STRATEGIC RECONNAISSANCE AIRCRAFT (2 CREW).
SR-71 B	LOCKHEED	NONE	2 J58	AF	MODIFIED TRAINING VERSION OF SR-71A.







ANTI SUB SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
TS-2A	GRUMMAN	TRACKER	2 R-1820-82 WRIGHT	NAVY	TRAINER VERSION OF <b>CARRIER-BASED</b> ASW AIRCRAFT. <b>AN/APS-38</b> EQUIPMENT AND MARINE MARKER PETRO LAUNCHER REMOVED PRIOR TO ASSIGNMENT TO <b>(CNATRA) (4 CREW)</b> .
US-2A	GRUMMAN	TRACKER	2 R-1820-82 WRIGHT	NAVY	TARGET <b>TOW</b> CONFIGURED <b>TS-2A</b> AND S-2B WITH (JULIE) EQUIPMENT REMOVED.
<b>US-2B</b>	GRUMMAN	TRACKER	2 R-1820-82 WRIGHT	NAVY	<b>TS-2A</b> MODIFIED FOR PASSENGER TRANSPORT.
<b>US-2C</b>	GRUMMAN	TRACKER	2 R-1820-82 WRIGHT	NAVY	<b>S-2C MODIFIED</b> FOR TARGET <b>TOWING (4 CREW)</b> .
<b>S-2D</b>	GRUMMAN	TRACKER	2 R-1820-82A WRIGHT	NAVY	UPGRADED <b>TS-2A</b> AND <b>US-2C</b> WITH NEWER <b>AI R-ASW</b> ELECTRONICS AND ARMAMENT (4 <b>CREW</b> ).
<b>ES-2D</b>	GRUMMAN	TRACKER	2 R-1820-82A WRIGHT	NAVY	<b>S-2D MODIFIED</b> FOR PACIFIC MISSILE RANGE SURVEILLANCE/CLEARANCE MISSIONS.
<b>US-2D</b>	GRUMMAN	TRACKER	2 R-1820-82A	NAVY	S-2D WITH ASW EQUIPMENT REMOVED FOR USE AS TRANSPORT.
S-2E	GRUMMAN	TRACKER	2 R-1820-82A WRIGHT	NAVY	<b>S-2D</b> EQUIPPED WITH ASW TACTICAL NAVIGATION SYSTEM <b>(AN/ASN-30)</b> (4 CREW).
S-2G	GRUMMAN	TRACKER	2 R-1820-82 WRIGHT	NAVY	S-2E WITH <b>AN/AQA-7 (DIFAR)</b> , <b>AN/ARR-75 SONOBUOY</b> RECEIVER, AND <b>MK-44/46</b> TORPEDO PRESETTER.
<b>YS-2G</b>	GRUMMAN	TRACKER	2 R-1820-82 WRIGHT	NAVY	<b>MODIFIED</b> S-2E USED AS TESTBED FOR ASW AVIONICS SYSTEM DEVELOPMENT.

ANTISUB SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
S-3A	LOCKHEED	VI KING	2 TF34-GE-2	NAVY	CARRIER BASED ASW AIRCRAFT (4 CREW).
KS-3A	LOCKHEED	VI KING	2 TF34-GE-2	NAVY	S-3A CONFIGURED AS SELF-CONTAINED TANKER WITH BOMB BAY AND INTERNAL TANKS.
NS-3A	LOCKHEED	VI KING	2 TF34-GE-2	NAVY	S-3A CONFIGURE FOR PERMANENT TEST .
US-3A	LOCKHEED	VI KING	2 TF34-GE-2	NAVY	S-3A MOO I FI ED FOR CARRIER ON-BOARD DELIVERY (COD) MISSION.
S-3B	LOCKHEED	VI KING	2 TF34-GE-2	NAVY	UPGRADED S-3A WITH NEW ACOUSTIC PROCESSORS AND RECORDERS, RADAR, AND HARPOON CAPABILITY.



TRAINER SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
T-1A	MCDONNELL DOUGLA BEECH, QUINTRON	JAY HAWK	2 JT150-5B P&W	AF	TANKER, TRANSPORT, TRAINING SYSTEM WITH 3 SEATS. USED FOR TRANSIT <b>IONING</b> UPT PI LOTS TO TANKER/TRANSPORT AIRCRAFT.
CT-1 B	BEECH	JAY HAWK	2 <b>JT15D-5</b>	ARMY	T-1A MODIFIED TO CARRY TROOPS AND CARGO.
T-2B	NORTH <b>AMERI</b> CAN ROCKWELL	BUCKEYE	2 <b>J60-P-6</b>	NAVY	<b>LOWWING</b> , CARRIER JET (2 CREW).
<b>DT-2B</b>	NORTH <b>AMERI</b> CAN ROCKWELL	BUCKEYE	2 <b>J60-P-6</b>	NAVY	T-2B MODI FIED TO CONTROL TARGET DRONES. EQUIPPED WITH <b>AN/ARW-55</b> OR <b>AN/ASW-36</b> TARGET COMMANO SYSTEM (1 CREW).
<b>YT-2B</b>	NORTH <b>AMERI</b> CAN ROCKWELL	BUCKEYE	2 <b>J60-P-6</b>	NAVY	PROTOTYPE T-2B.
T-2C	NORTH AMERICAN ROCKWELL	BUCKEYE	2 <b>J85-GE-4/-4A</b>	NAVY	<b>UPGRADED T-2B.</b>
T-3A	<b>SLINGSLY/</b> NORTHROP	NONE	1 AEIO 540	AF	SINGLE ENGINE, <b>LOW</b> WING, LIGHT TRAINER WITH <b>SIDE-BY-SIDE</b> SEATING.
<b>T-28B</b>	NORTH <b>AMERI</b> CAN ROCKWELL	TROJAN	1 R-1820-86A WRIGHT	NAVY	<b>LOW-WING</b> , FLIGHT TRAINER (2 CREW).
<b>T-28C</b>	NORTH AMERICAN ROCKWELL	TROJAN	1 R-1820-86A WRIGHT	NAVY	<b>UPGRADED T-28B</b> SUITABLE FOR CARRIER OPERATIONS (2 CREW).
T-29B	GENERAL <b>DYNAMICS</b>	FLYING CLASSROOM	2 R-2800-97 P&w	NAVY	<b>LOW</b> WING TRAINER TRANSPORT WITH <b>PERISCOPIC</b> SEXTANT WINDOW (4 CREW, 10 <b>STUDENTS</b> ) .

TRAI NER SERI ES (CONTI NUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE OATA	DEPARTMENT	DESCRI PTI ON
<b>T-29C</b>	GENERAL DYNAMI CS	FLYI NG CLASSROOM	2 <b>R-2800-99W</b> <b>P&amp;W</b>	NAVY	<b>UPGRADED T-29B</b> FOR NAVI GATOR-BOMBARDI ER TRAINI NG (3 CREW 10 STUDENTS) .
T-33A	LOCKHEEO	SHOOTI NG STAR	1 <b>J33-A-35</b>	AF	FULL-CANTI LEVER, <b>LOW</b> WING, FLI GHT TRAI NER (2 CREW).
NT-33A	LOCKHEEO	SHOOTI NG" STAR	1 <b>J33-A-35</b>	AF	<b>TESTBED</b> T-33A.
<b>QT-33A</b>	<b>LOCKHEED</b>	SHOOTI NG STAR	1 <b>J33-A-35</b>	NAVY	T-33A USED AS A DRONE.
T-34A	BEECH	MENTOR	1 10-470-4 CONTI NENTAL	AF	<b>LOW-WING, SEMI-MONOCOQUE</b> TRAI NER (2 CREW).
<b>T-34B</b>	BEECH	MENTOR	1 10-470-4 CONTI NENTAL	NAVY	NAVY VERSI ON OF T-34A.
<b>T-34C</b>	BEECH	MENTOR	1 <b>PT6A-25</b> <b>P&amp;W</b> CANADA	NAVY	I MPROVED <b>T-34B</b> .
NT-34C	BEECH	MENTOR	1 <b>PT6A-25</b> <b>P&amp;W</b> CANAOA	NAVY	<b>T-34C</b> CONFIGURE FOR PERMANENT TESTI NG. WI LL NOT RETURN TO ACTI VE FLEET.
<b>YT-34C</b>	BEECH	MENTOR	1 <b>PT6A-25</b> <b>P&amp;W</b> CANADA	NAVY	PROTOTYPE <b>T-34C</b> .
<b>T-37B</b>	CESSNA	TWEET	2 <b>J69-T-25</b>	<b>AF/GAF</b>	PRIMARY JET TRAI NER. BUBBLE CLAMSHELL CANOPY (2 CREW).
<b>OT-37B</b>	CESSNA	NONE	2 <b>J69-T-25A</b>	AF	T-379 <b>MODIFIED</b> FOR USE AS FORWARD AI R CONTROL ( <b>FAC</b> ) DUTIES .





TRAINER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
T-38A	NORTHROP	TALON	2 J85-GE-5/-5A/-5 G/-5J	AF/NV/GAF	LOW-WING, SUPERSONIC JET TRAINER (2 CREW).
NT-38A	NORTHROP	TALON	2 J85-GE-5/-5A/-5 G/-5J	AF/NV/GAF	T-38A CONFIGURED FOR PERMANENT TEST.
QT-38A	NORTHROP	TALON	2 J85-GE-5/-5A/-5G/-5J	AF/NV/GAF	T-38A USED AS A DRONE.
AT-38B	NORTHROP	TALON	2 J85-GE-5/-5A/-5G/-5J	AF	T-38A CONFIGURED FOR WEAPONS DELIVERY TRAINING.
T-38C	NORTHROP	TALON	2 J85-GE-5/-5A/-5G/-5J	AF/NV/GAF	T-38A & AT-38B MODIFIED INTO SINGLE FLEET CONFIGURATION. INCLUDES GLOBAL POSITIONING SYSTEM/INERTIAL NAVIGATION SYSTEM, HEADS-UP DISPLAY, AND NO DROP BOMB SCORING SYSTEM.
T-38N	NORTHROP	TALON	2 J85-GE-5H/-5N	NASA	T-38A MODIFIED WITH UPGRADED AVIONICS.
T-39A	NORTH AMERICAN ROCKWELL	SABRELINER	2 J60-P-3/3A	AF	SWEPTBACK, LOW-WING, JET POWERED TRAINER. ENGINES ARE MOUNTED ON PYLONS ON AFT FUSELAGE (2 CREW. 4 PASSENGERS).
CT-39A	NORTH AMERICAN ROCKWELL	SABRELINER	2 J60-P-3/-3A	AF	CARGO-CONFIGURED T-39A.
NT-39A	NORTH AMERICAN ROCKWELL	SABRELINER	2 J60-P-3/-3A	AF	T-39A MODIFIED FOR PERMANENT TESTING.
T-39B	NORTH AMERICAN ROCKWELL	SABRELINER	2 J60-P-3/-3A	AF	UPGRADED T-39A WITH DOPPLER RADAR USED TO TRAIN PILOTS IN RADAR NAVIGATION (3 PASSENGERS).

TRAI NER SERI ES (CONTI NUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRI PTI ON
T-39D	NORTH AMERI CAN ROCKWELL	SABRELI NER	2 <b>J60-P-3A</b>	NAVY	NAVY VERSION OF T-39 SERIES WITH <b>AN/APQ-94</b> RADAR TO TRAI N FLEET AIRCREWS (5 CREW).
CT-39E	NORTH AMERI CAN ROCKWELL	<b>SABRELINER</b>	2 <b>JT-12A-8</b>	NAVY	MILI TARY VERSION OF COMMERCIAL <b>SABRELI</b> NER CARGO-CONFI GURED T-39A.
CT-39G	NORTH AMERI CAN ROCKWELL	SABRELI NER	2 <b>JT-12A</b>	NAVY	<b>CT-39E</b> WITH LONGER FUSELAGE, YAW DAMPER, AND ENGINE THRUST REVERSERS .
<b>T-39N</b>	NORTH AMERI CAN ROCKWELL	<b>SABRELINER</b>	2 <b>JT-12-8</b>	NAVY	ADVANCED VERSION OF T-39A USED FOR TRAI NING UNDERGRADUATE NAVAL FLIGHT OFFICERS.
T-41A	CESSNA	<b>MESCALERO</b>	1 10-300-0 CONTI NENTAL	AF	SINGLE ENGINE, HIGH WING, LI GHT TRAI NER. MILI TARY <b>VERSION</b> OF CESSNA 172 (2 CREW, 2 PASSENGERS).
T-418	CESSNA	<b>MESCALERO</b>	1 10-360-D CONTI NENTAL	ARMY	ARMY VERSION OF T-41A.
<b>T-41C</b>	CESSNA	MESCALERO	1 <b>10-360-D34</b> CONTI NENTAL	AF	UPGRADED T-41A.
T-41 D	CESSNA	<b>MESCALERO</b>	<b>1 1 0-360-D34</b> CONTI NENTAL	AF	T-41 B/C WITH CONSTANT SPEED PROPELLERS.
T-42A	BEECH	<b>COCHISE</b>	2 10-470-L CONTI NENTAL	ARMY	I NSTRUMENT FLI GHT TRAI NER (4 CREW).
T-43A	BOEI NG	NONE	2 <b>JT-8D-9</b> P&W	AF	MILI TARY VERSION DF THE BOEI NG 737-200 MODI FIED FOR NAVI GATOR TRAI NING (12 <b>STUDENT</b> STATIONS, 4 I NSTRUCTOR STATIONS, AND 3 PROFICI ENCY STATIONS).





TRAI NER SERI ES (CONTINUED)

MOS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCR I PT I ON
CT-43A	BOEI NG	NONE	2 JT8D-9A	AF	T-43A CONFIGURED FOR CARGO/PASSENGER MI SSI ONS.
T-44A	BEECH	NONE	2 PT6A-34B P&w	NAVY	FIVE-PLACE TRAINER FOR ( I FR) FLIGHT, RADIO INSTRUMENT NAVI GATI ON, AND TACTI CAL ORI ENTATI ON TRAINI NG.
T-45A	MCDONNELL DOUGLAS	GOSHAWK	1 MK851-49	NAVY	LOW-WING JET TRAINER FOR CARRIER LANDI NG TRAINI NG (2 CREW) .
T-45B	MCDONNELL DOUGLAS	GOSHAWK	1 MK851-49	NAVY	T-45A MODI FIED FOR LANO BASED TRAINI NG.
T-46A	FAI RCHI LD REPUBLI C	NONE	2 F109-GA-100	AF	PRIMARY JET TRAINER (2 CREW). REPLACES T-37, FORMERLY CALLED NGT.
AT-46A	FAI RCHI LD REPUBLI C	NONE	2 F109-GA-100	FMS	ATTACK VERSION OF T-46A.
T-47A	CESSNA	NONE	2 JT150-5 P&w	NAVY	MILITARY VERSION OF COMMERCIAL CITATI ON II WITH ENGINE AND STRUCTURAL MODI FICATI ONS . CONFIGURED WITH RADAR TRAINI NG CONSOLES AND AN/APQ-1 59 RADAR.
OT-47B	CESSNA	NONE	2 JT15D-5D	AF	UPOATED VERSION OF T-47A FOR COUNTER DRUG TRACKI NG MI SSI ONS WITH 20 I NCH LONGER FUSELAGE, UPGRADED ENGI NES, AND SPECIAL SENSORS.

UTILITY SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
U-1A	DEHAVILLAND	OTTER	1 R-1340-61 P&W	ARMY	SHORT-RANGE, HIGH-WING, LIGHT UTILITY AIRCRAFT, OPERATES ON WHEELS, OR FLOATS. MILITARY VERSION-OF <b>DHC-3</b> (2 CREW, 8 PASSENGERS).
NU-1 B	DEHAVILLAND	OTTER	1 R-1340 -61-DHC-3 P&w	NAVY	MILITARY VERSION OF <b>DGC-3</b> FOR ANTARCTIC (DEEP FREEZE) MISSION.
U-3A	CESSNA	NONE	2 10-470-M CONTINENTAL	AF/NAVY	<b>LOW-WING</b> , ADMINISTRATIVE, AND LIGHT CARGO TRANSPORT. MILITARY VERSION OF CESSNA MODEL 310 (2 CREW, 3 PASSENGERS) .
U-3B	CESSNA	NONE	2 10-470-D CONTINENTAL	AF	<b>UPGRADED</b> U-3A.
u-6A	DEHAVILLAND	BEAVER	1 R-985 -AN-I -I -3 R-985-39A P&W	AF/AR/NV	HIGH-WING UTILITY TRANSPORT (1 CREW, PASSENGERS).
U-7A	LYCOMING	NONE	1 o-290-D	AF	SHORT-RANGE OBSERVATION AND RECONNAISSANCE AIRCRAFT. OPERATES ON WHEELS OR FLOATS (2 CREW) .
U-8D	BEECH	SEMI NOLE	2 0-480-1 LYCOMING	ARMY	<b>LOW</b> CANTILEVER WING UTILITY TRANSPORT. MILITARY VERSION OF BEECH J-50 (1 CREW, 5 PASSENGERS) .
RU-8D	BEECH	SEMI NOLE	2 0-480-1 LYCOMING	ARMY	<b>U-8D MODIFIED</b> WITH RAOAR RECONNAISSANCE SYSTEM (2 CREW),
NU-8E	BEECH	SEMI NOLE	2 0-480-3 LYCOMING	ARMY	u-80 EQUIPPED AS INSTRUMENTATION FLYING LABORATORY (2 CREW, 2 PASSENGERS).







UTILITY SERIES (CONTINUED)

<b>MDS</b>	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
U-8F	BEECH	SEMI NOLE	2 O-480-3 LYCOMING	ARMY	UPGRADED u-80 WITH LARGER FUSELAGE.
<b>U-8G</b>	BEECH	SEMI NOLE	2 GO-480 -CSC6 LYCOMING	ARMY	UPGRADED <b>RU-8D</b> AND <b>U-8F</b> .
U-9C	AERO DESIGN	AERO COMMANDER	2 <b>GSO-480-AIA-6</b> LYCOMING	ARMY	HIGH CANTILEVER WING ADMINISTRATIVE/UTILITY TRANSPORT (2 CREW, 5 PASSENGERS).
U-9D	AERO DESIGN	AERO COMMANDER	2 <b>GSO-480-AIA-6</b> LYCOMING	NAVY	UPGRADED U-9C. ONE AIRCRAFT <b>MODIFIED</b> FOR AIR SAMPLING MISSIONS.
<b>RU-9D</b>	AERO DESIGN	AERO COMMANDER	2 <b>GSO-480-AIA-6</b> LYCOMING	ARMY	U-90 <b>MODIFIED</b> FOR RECONNAISSANCE MISSIONS (5 CREW).
U-10A	<b>HELIO</b>	NONE	1 <b>G-480-G1 D6</b> LYCOMING	<b>AF/ARMY</b>	LIGHT STOL UTILITY TRANSPORT (2 CREW, 2 PASSENGERS).
U-11A	PIPER	AZTEC	2 O-540 -A-3D5 LYCOMING	NAVY	LIGHT LOGISTICS TRANSPORT USED AT CONTINENTAL UNITED STATES (CONUS) NAVAL BASES (1 CREW, 4 PASSENGERS) .
<b>HU-16E</b>	GRUMMAN	ALBATROSS	2 <b>R-1820-76A/THRU</b> -76D WRIGHT	CG	HIGH-WING, AMPHIBIOUS AIRCRAFT WITH FIXED WING FLOATS. FOR SEARCH/RESCUE, ASW, AND GENERAL PURPOSE USES (6 CREW, 12 LITTERS).
U-21A	BEECH	UTE	2 <b>PT6A-20</b> P&W ( CANAOA)	ARMY	<b>LOW-WING</b> UTILITY AIRCRAFT WITH REVERSING PROPELLERS AND RETRACTABLE <b>TRI</b> CYCLE LANDING GEAR. FOR COMMAND/CONTROL AND UTILITY MISSIONS IN COMBAT ZONES (2 CREW, 10 PASSENGERS) .

UTILITY SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
RU-21A	BEECH	UT E	2 PT6A-2D P&W (CANADA)	ARMY	U-21A WITH ARMY SECURITY AGENCY EW EQUIPMENT.
RU-21 B	BEECH	UT E	2 PT6A-29 P&W (CANADA)	ARMY	IMPROVED RU-21A.
RU-21C	BEECH	UTE	2 PT6A-29 P&W (CANADA)	ARMY	RU-21B WITH DIFFERENT ANTENNA ARRAY.
RU-21D	BEECH	UTE	2 PT6A-20 P&W (CANADA)	ARMY	IMPROVED RU-21B.
RU-21 E	BEECH	UT E	2 T74-CP-700	ARMY	U-21A MODIFIED FOR SURVEILLANCE MISSIONS IN COMBAT ZONES (2 CREW, 2 MISSION EQUIPMENT OPERATORS).
U-21 F	BEECH	UT E	2 PT6A-28 P&W (CANADA)	ARMY	UPGRADED U-21A (2 CREW, 6 PASSENGERS).
U-21G	BEECH	UTE	2 T74-CP-700 P&W	ARMY	UPGRADED U-21F.
RU-21H	BEECH	UT E	2 T74-CP-700 P&W	ARMY	RU-21E MODIFIED WITH NEW WING TIPS AND LANDING GEAR DOORS.
U-21 J	BEECH	UT E	2 PT6A-41	ARMY	RU-21J RECONFIGURED AS TRANSPORT (2 CREW, 7 PASSENGERS).
RU-21J	BEECH	UT E	2 PT6A-41	ARMY	MODIFIED U-21F WITH ADDED RECONNAISSANCE EQUIPMENT AND 3-BLADE PROPELLERS.
HU-25A	DASSAULT-BREGUET	GUARDIAN	2 ATF 3-6-2C GARRETT	CG	SEMI-MONOCOQUE, LOW CANTILEVER WING, MONOPLANE, RETRACTABLE TRICYCLE LANDING GEAR. USED FOR SEARCH AND RESCUE, MARINE ENVIRONMENTAL PROTECTION, LAW ENFORCEMENT AND MARINE SCIENCE (5 CREW, 3 PASSENGERS).





UTILITY SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
HU-25B	DASSAULT-BREGUET/FALCON	GUARDIAN	2 GARRETT ATF 3-6-4C	CG	NAVY SEARCH AND RESCUE UTILITY AIRCRAFT MODIFIED WITH SENSOR SCANNERS, SLAR, AGTV, AND SURVEILLANCE CAMERAS.
HU-25C	DASSAULT-BREGUET/FALCON	GUARDIAN	2 GARRETT ATF 3-6-4C	CG	HU-25A MODIFIED WITH NEW RADAR AND FUSELAGE MOUNTED FLIR USED FOR INTERCEPTING AND TRACKING AIRBORNE SMUGGLERS.
U-26A	CESSNA	NONE	1 TS10-5Z0-C	AF	CESSNA 206 TURBO SUPER SKYWAGON HIGH WING MONOPLANE WITH FIXED TRICYCLE LANDING GEAR ( 1 CREW, 3 PASSENGERS).
u-27A	CESSNA	NONE	1 PT6A-1 14	ARMY/ FMS	HIGH-WING MONOPLANE WITH FIXED TRICYCLE LANDING GEAR (2 CREW) ,
RU-38A	SCHWEIZER ACFT	NONE	2 G10-550 CONTINENTAL	CG	RG-8A MODIFIED WITH TWO LARGER ENGINES, ENHANCED MUFFLERS, TWIN TAIL, TRICYCLE LANDING GEAR, IMPROVED SENSORS, AND NOISE SIGNATURE REDUCTION ENHANCEMENTS FOR DETECTION OF SURFACE VESSELS .

VTOL & STOL SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
OV-1 A	GRUMMAN	MOHAWK	2 T53-L-7	ARMY	VISUAL AND PHOTOGRAPHIC SURVEILLANCE AIRCRAFT WITH DAY AND NIGHT (IFR) CAPABILITY, FORMERLY <del>DESIGNATED AO-1A</del> (2 CREW) .
OV-1B	GRUMMAN	MOHAWK	2 T53-L-7	ARMY	LONGER WING THAN THE <b>OV-1A</b> WITH ADDITION OF SIDE-LOOKING <b>RADAR</b> . FORMERLY DESIGNATED <b>AO-1 B</b> (2 CREW).
JOV-1 B	GRUMMAN	MOHAWK	2 <b>T53-L-7</b>	ARMY	<b>OV-1 B MODIFIED</b> FOR ELECTRONIC RECONNAISSANCE (QUICK LOOK).
OV-1C	GRUMMAN	MOHAWK	2 <b>T53-L-7</b> <b>T53-L-15</b>	ARMY	<b>OV-1 A</b> AND <b>OV-1 B</b> WITH INFRARED DETECTION EQUIPMENT. FORMERLY DESIGNATED <b>AO-1 C</b> (2 CREW).
JOV-1C	GRUMMAN	MOHAWK	2 <b>T53-L-15</b>	ARMY	<b>OV-1 C MODIFIED</b> FOR ELECTRONIC RECONNAISSANCE (QUICK LOOK).
OV-1 D	GRUMMAN	MOHAWK	2 <b>T53-L-701A</b>	ARMY	<b>UPGRADED OV-1 C</b> WITH <b>SIDE-LOADING DOORS, SIDE-LOOKING</b> AIRBORNE RADAR, AND INFRARED SENSORS.
RV-1 O	<b>GRUMMAN</b>	MOHAWK	2 <b>T53-L-701A</b>	ARMY	<b>MODIFIED OV-1 D</b> FOR ELECTRONIC WARFARE MISSIONS IN SUPPORT OF TACTICAL OPERATIONS.
JOV-1D	GRUMMAN	MOHAWK	2 <b>T53-L-701A</b>	ARMY	<b>OV-1 D MODIFIED</b> FOR ELECTRONIC RECONNAISSANCE (QUICK LOOK).
OV-1 E	GRUMMAN	MOHAWK	2 <b>T53-L-701A</b>	ARMY	<b>OV-1 D MODIFIED</b> WITH UPGRADED AVIONICS, ELECTRICAL, AND FLIGHT INSTRUMENT SYSTEMS.
RV-1 E	GRUMMAN	MOHAWK	2 <b>T53-L-701A</b>	ARMY	CONTAINS UPDATED AVIONICS, ELECTRICAL AND FLIGHT INSTRUMENT SYSTEMS.
AV-8A	BRITISH AEROSPACE	HARRIER	1 <b>F402-RR-400/-401</b>	NAVY	VECTORED THRUST, CLOSE AIR SUPPORT AIRCRAFT CAPABLE OF <b>SHIPBOARD</b> AND UNIMPROVED <b>LANDING</b> SITE OPERATIONS (1 CREW).





VTOL & STOL SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
TAV-8A	BRITISH AEROSPACE	HARRIER	1 F402-RR-400-401	NAVY	TWO-PLACE <b>AV-8A</b> FOR TRANSITION TRAINING.
AV-8B	<b>MCDONNELL DOUGLAS</b>	HARRIER II	1 <b>F402-RR-406</b>	NAVY	<b>AV-8A</b> WITH <b>IMPROVED</b> ENGINE INLET, LENGTHENED NOSE GEAR, <b>LIFT DEVICES</b> , LARGER WING AND UPDATED AVIONICS PACKAGE.
<b>NAV-8B</b>	MCDONNELL DOUGLAS	HARRIER II	1 <b>F402-RR-406</b>	NAVY	<b>AV-8B</b> CONFIGURED FOR PERMANENT TEST.
<b>TAV-8B</b>	MCDONNELL DOUGLAS	HARRIER	1 <b>F402-RR-406</b>	NAVY	TRAINER VERSION OF AV-8B (2 CREW).
<b>NTAV-8B</b>	<b>MCDONNELL DOUGLAS</b>	HARRIER	1 <b>F402-RR-406</b>	NAVY	<b>TAV-8B</b> CONFIGURED FOR PERMANENT TEST.
<b>AV-8C</b>	BRITISH AEROSPACE	HARRIER	1 <b>F402-RR-400/-401</b>	NAVY	<b>AV-8A</b> OVERHAULED FOR SERVICE LIFE EXTENSION.
<b>AV-8D</b>	MCDONNELL DOUGLAS	HARRIER	1 P408	NAVY	<b>AV-8B</b> MODIFIED WITH <b>ADDITIONAL</b> AVIONICS AND NIGHT ATTACK CAPABILITIES.
<b>AV-8S</b>	BRITISH AEROSPACE	HARRIER	1 <b>F402-RR-400/-401</b>	SP NAVY	<b>AV-8A</b> CONFIGURE FOR FOREIGN SALES (SPANISH NAVY).
OV-10A	NORTH AMERICAN ROCKWELL	BRONCO	2 T76-G/-10A -12A/418/419	<b>AF/NAVY</b>	TWIN TAIL, STOL AIRCRAFT USED FOR OBSERVATION, ARMED RECONNAISSANCE AND FORWARD AIR CONTROL (2 CREW).
<b>YOV-10D</b>	NORTH AMERICAN ROCKWELL	BRONCO	2 <b>T76-G-10-10A/-12/-12A</b>	NAVY	PROTOTYPE NIGHT OBSERVATION GUNSHIP SYSTEM (NOGS) VERSION OF THE OV-10A. HAS <b>FORWARD</b> LOOKING <b>INFRARED (FLIR)</b> SENSOR, <b>20MM</b> FLEXIBLE GUN TURRET.

VTOL & STOL SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
XFV-12A	NORTH AMERICAN ROCKWELL	NONE	1 F-401 -PW-400	NAVY	EXPERIMENTAL HIGH-WING VTOL TO EVALUATE THRUST AUGMENTATION PRINCIPLE (1 CREW).
XV-15A	BELL	NONE	2 T53	ARMY	RESEARCH AIRCRAFT USED TO STUDY TILT ROTOR VTOL/STOL CONCEPTS (3-BLASE 25' DIAMETER ROTORS) .
AV-16A	MCDONNELL DOUGLAS	NONE	1 ROLLS ROYCE PEGASUS	NAVY	VTOL/STOL AIRCRAFT FOR CLOSE AIR SUPPORT MISSION.
UV-18A	DEHAVILLAND	TWIN OTTER	2 PT6A-20 P&w	ARMY	FIXED GEAR, HIGH-WING STOL AIRCRAFT, OPERATES ON UNIMPROVED AIRFIELDS WITH WHEELS SKIS OR FLOATS (2 CREW, 20 PASSENGERS).
UV-18B	DEHAVILLAND	TWIN OTTER	2 PT6A-27 P&w	AF	W-18A WITH LONGER NOSE.
UV-20A	PI LATUS-PORTER	NONE	1 PT6A-27	ARMY	UTILITY STOL AIRCRAFT SIMILAR TO PC-7/I .
CV-22A	BELL/BOEING	NONE	2 T406-AD-400	AF	VTOL AIRCRAFT (OSPREY) USED AS A TRANSPORT FROM LAND BASES .
HV-22A	BELL/BOEING	NONE	2 T406-AD-400	NAVY	VTOL AIRCRAFT (OSPREY) USED FOR CONDUCTING COMBAT SEARCH AND RESCUE MISSIONS FROM AVIATION CAPABLE SHIPS.
MV-22A	BELL/BOEING	NONE	2 T406-AD-400	MARINES	VTOL AIRCRAFT (OSPREY) USED TO SUPPORT AMPHIBIOUS ASSAULTS FROM LHA AND LHD CLASS SHIPS.
SV-22A	BELL/BOEING	NONE	2 T406-AD-400	NAVY	VTOL AIRCRAFT (OSPREY) USED TO PROVIDE MID TO LONG-RANGE SEA-BASED AIRBORNE ANTISUBMARINE WARFARE PROTECTION.



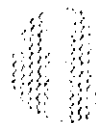


VTOL & STOL SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
HV-22B	BELL/BOEING	NONE	2 T406-AD-400	NAVY	<b>HV-22A</b> WITH <b>UPGRADED</b> ENGINES, <b>DRIVE</b> SYSTEM, NACELLE, FUSELAGE, AND <b>IMPROVED</b> AVIONICS.
<b>MV-22B</b>	<b>BELL/BOEING</b>	NONE	2 <b>T406-AD-400</b>	NAVY	<b>MV-22A</b> WITH <b>UPGRADED</b> ENGINES, <b>DRIVE</b> SYSTEM, NACELLE, FUSELAGE, AND <b>IMPROVED</b> AVIONICS.
W-23A	SKYTRADER CORPORATION	NONE	2 <b>TURBOMECA-</b> ASTAZOU-S F-16	<b>AF/ARMY</b>	HIGH WING, <b>TWIN</b> ENGINE, FIXED LANDING GEAR TACTICAL TROOP TRANSPORT WITH AFT RAMP. <b>MODIFIED</b> FOR ARMED RECONNAISSANCE.

RESEARCH SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
x-246	MARTIN	NONE	1 XLR-11-RM-13	AF	MANNED, LOW SPEED LIFTING BODY <del>DROPPED FROM B-52 THAT WILL</del> ASCEND UNDER ROCKET POWER TO APPROXIMATELY 60,000 FEET, MACH 1.5, AND THEN GLIDE TO LANDING. COMMERCIAL DESIGNATION <b>SV-5J</b> .
X-26A	SCHWEIZER	NONE	NONE	NAVY	TWO-PLACE, HIGH PERFORMANCE SAILPLANE TO BE USED FOR NAVY TEST PILOT TRAINING.
x-29A	GRUMMAN	NONE	1 F-404-GE-400	ALL	EXPERIMENTAL FIGHTER WITH 33.73 DEGREE FORWARD SWEEP, <b>AEROELASTIC</b> , GRAPHITE EPOXY COMPOSITE WINGS, CLOSE COUP LEO VARIABLE INCIDENCE CANNARDS AND <b>DIGITAL</b> FLY-BY-WIRE FLIGHT CONTROL SYSTEM,
X-30A	TBD	NONE	TBD	DOD/NASA	EXPERIMENTAL AEROSPACE PLANE ABLE TO OPERATE AT HYPERSONIC VELOCITIES OR ACCELERATING <b>DIRECTLY</b> INTO ORBIT.
X-31A	ROCKWELL	NONE	1 F-404-GE-400	NAVY	ENHANCED FIGHTER MANEUVERABILITY ( <b>EFM</b> ) DEMONSTRATOR WITH TECHNOLOGIES WHICH WILL PROVIDE MANEUVER AGILITY DURING CLOSE-IN AERIAL COMBAT.
X-32A	TBD	TBD	1 DERIVATIVE AFTE	ARPA	FIRST CONTRACTOR TEAM (x-32). FULL-SCALE TECHNOLOGY DEMONSTRATOR AIRCRAFT INTENDED TO VALIDATE TECHNOLOGIES RELEVANT TO FIELDING A MULTI-SERVICE AIRCRAFT.
x-32B	TBD	TBD	1 DERIVATIVE AFTE	ARPA	FULL-SCALE TECHNOLOGY DEMONSTRATOR AIRCRAFT <b>INTENDED</b> TO VALIDATE TECHNOLOGIES RELEVANT TO <b>FIELDING</b> A MULTI-SERVICE AIRCRAFT.
<b>X-32C</b>	TBD	NONE	TBD	JAST	JOINT ADVANCED STRIKE TECHNOLOGY ( <b>JAST</b> ) PROGRAM. FULL-SCALE TECHNOLOGY DEMONSTRATOR AIRCRAFT INTENDED TO VALIDATE TECHNOLOGIES RELEVANT TO <b>FIELDING</b> A MULTI-SERVICE AIRCRAFT WITH CATAPULT AND ARRESTING CAPABILITY.







RESEARCH SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
X-35A	TBD	TBD	TBD	JAST	SECOND CONTRACTOR TEAM (X-35). JOINT ADVANCED STRIKE TECHNOLOGY (JAST) PROGRAM. FULL-SCALE TECHNOLOGY DEMONSTRATOR AIRCRAFT INTENDED TO VALIDATE TECHNOLOGIES RELEVANT TO FIELDING A MULTI-SERVICE AIRCRAFT.
X-35B	TBD	TBD	TBD	JAST	JOINT ADVANCED STRIKE Technology (JAST) PROGRAM. FULL-SCALE TECHNOLOGY DEMONSTRATOR AIRCRAFT INTENDED TO VALIDATE TECHNOLOGIES RELEVANT TO FIELDING A MULTI-SERVICE AIRCRAFT.
X-35C	TBD	TBD	TBD	JAST	JOINT ADVANCED STRIKE TECHNOLOGY (JAST) PROGRAM. FULL-SCALE TECHNOLOGY DEMONSTRATOR AIRCRAFT INTENDED TO VALIDATE TECHNOLOGIES RELEVANT TO FIELDING A MULTI-SERVICE AIRCRAFT WITH CATAPULT AND ARRESTING CAPABILITY.
X-36A	MCDONNELL DOUGLAS	NONE	1 F112-WR-100	NASA	REMOTELY PILOTED RESEARCH VEHICLE USED TO DEMONSTRATE THE FEASIBILITY FOR A TAILLESS AGILE FIGHTER.

LIGHTER-THAN-AIR SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
SZ-1A	TBD	NONE		NAVY	AIRSHIP USED FOR ANTI-SUBMARINE MISSION.
YEZ-2A	TBD	NONE	TBD	NAVY	PROTOTYPE AIRSHIP FOR ELECTRONIC MISSIONS.

